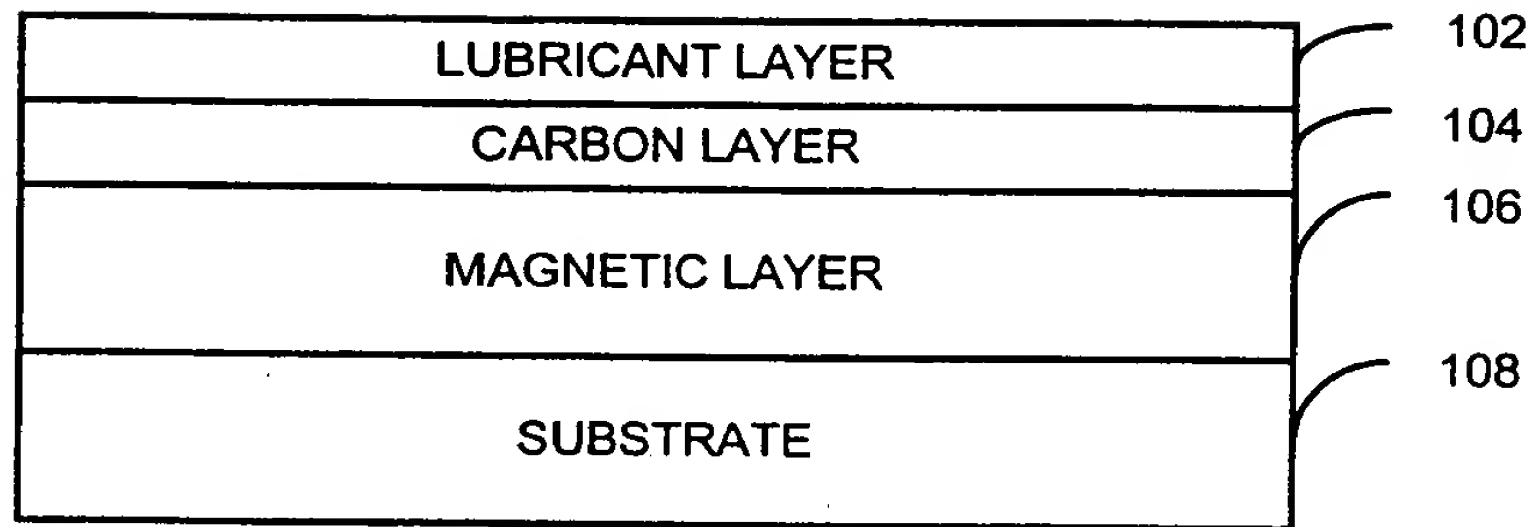
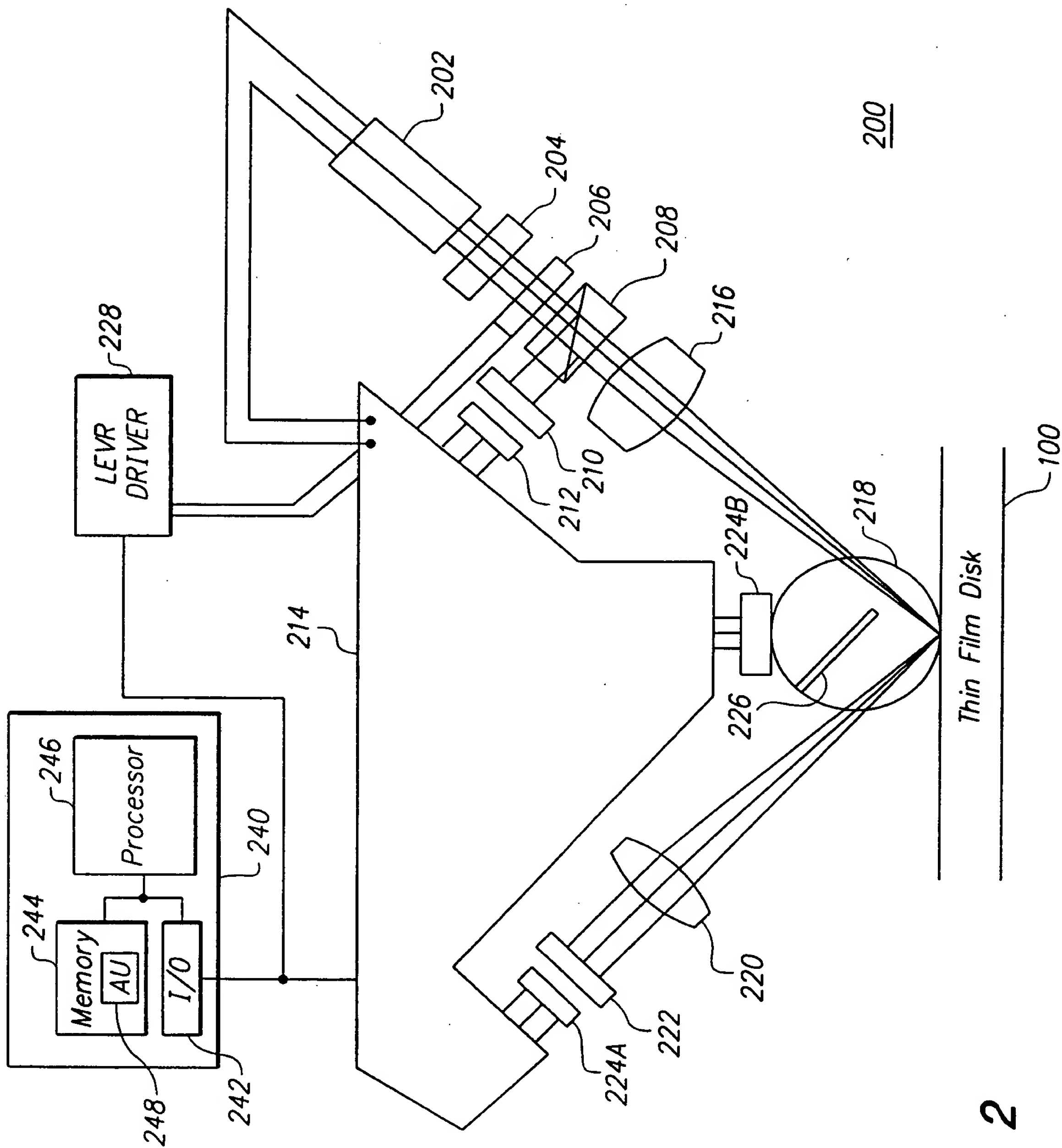


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FIGURE 1



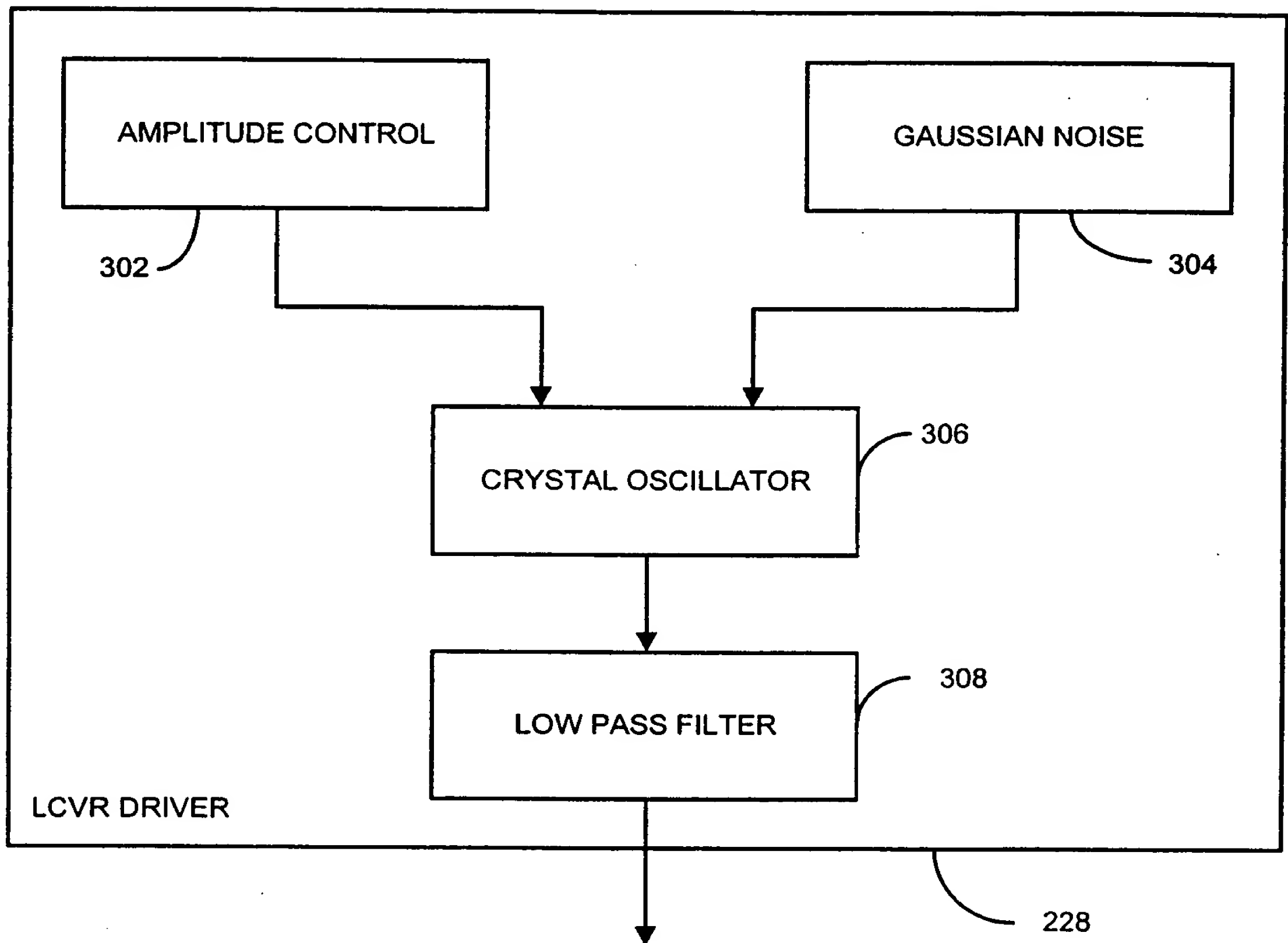


FIGURE 3



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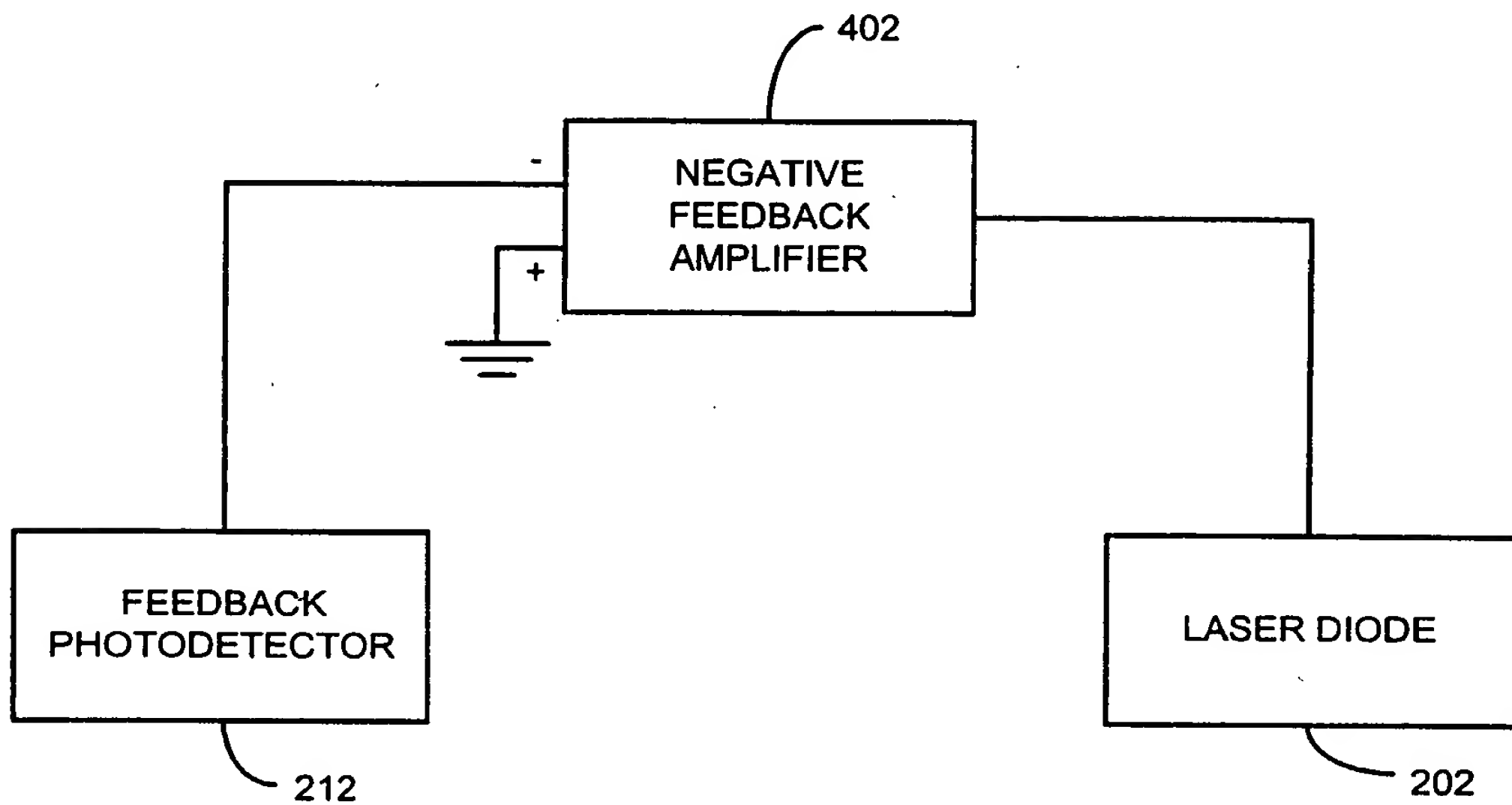
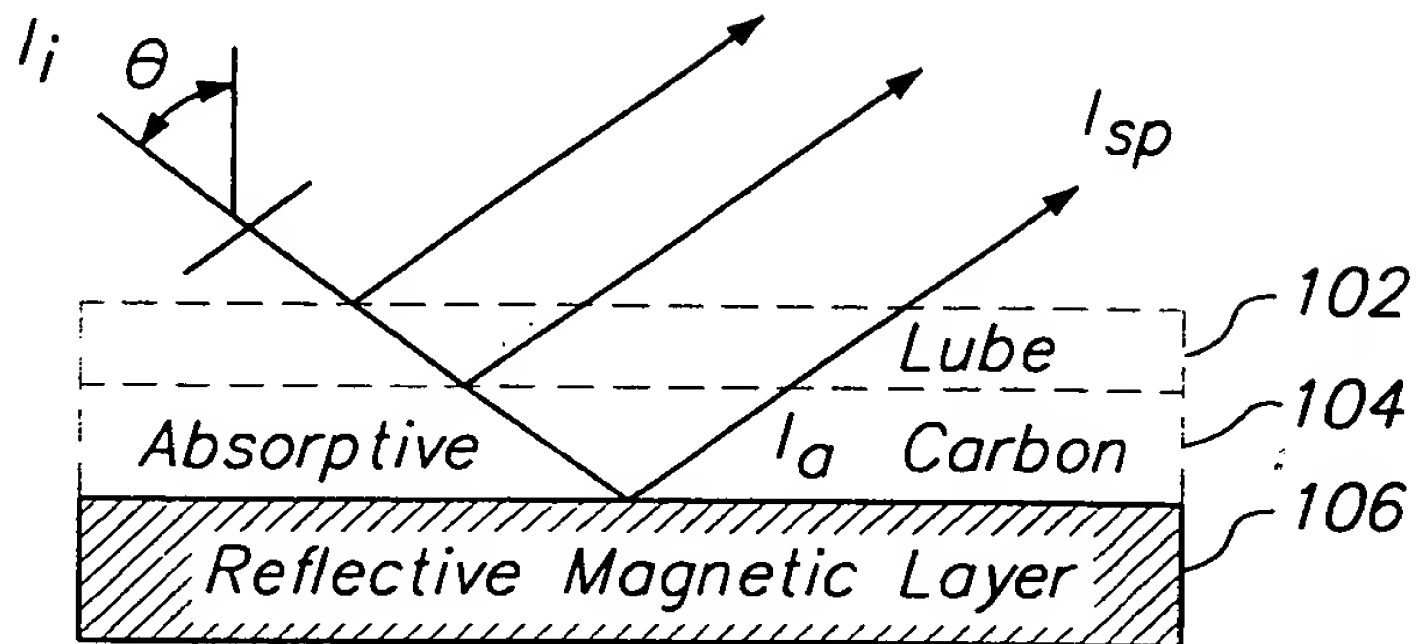


FIGURE 4



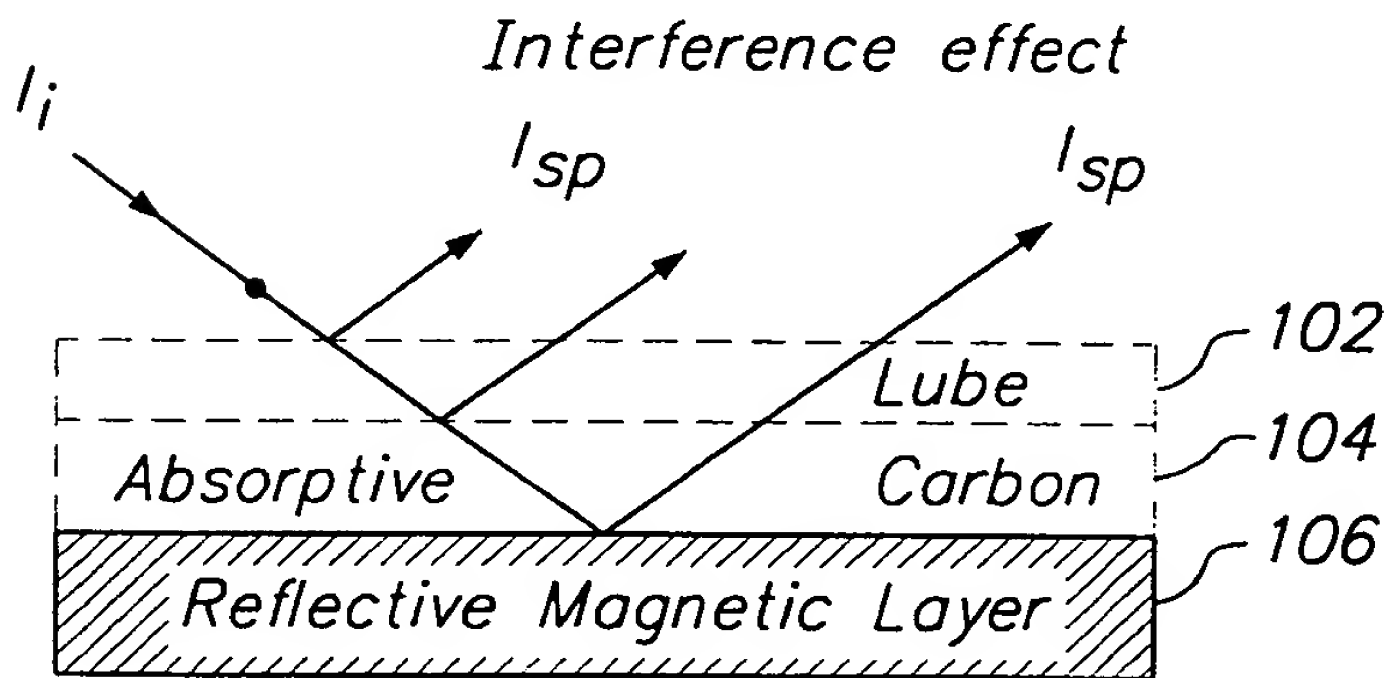
*P Polarized
Specular Light*

FIG. 5A



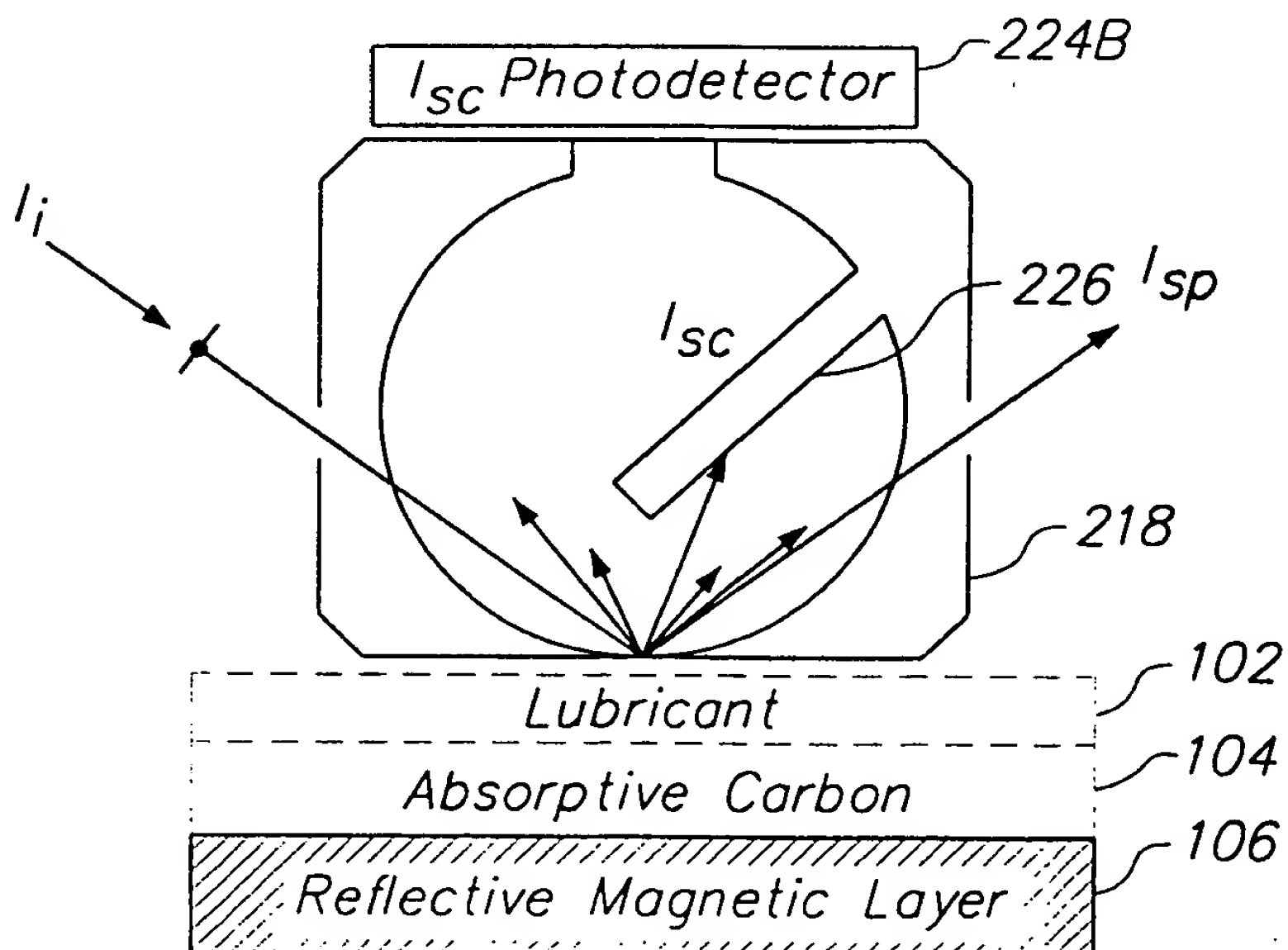
*S Polarized
Specular Light*

FIG. 5B



*P or S Polarized
Scattered Light*

FIG. 5C



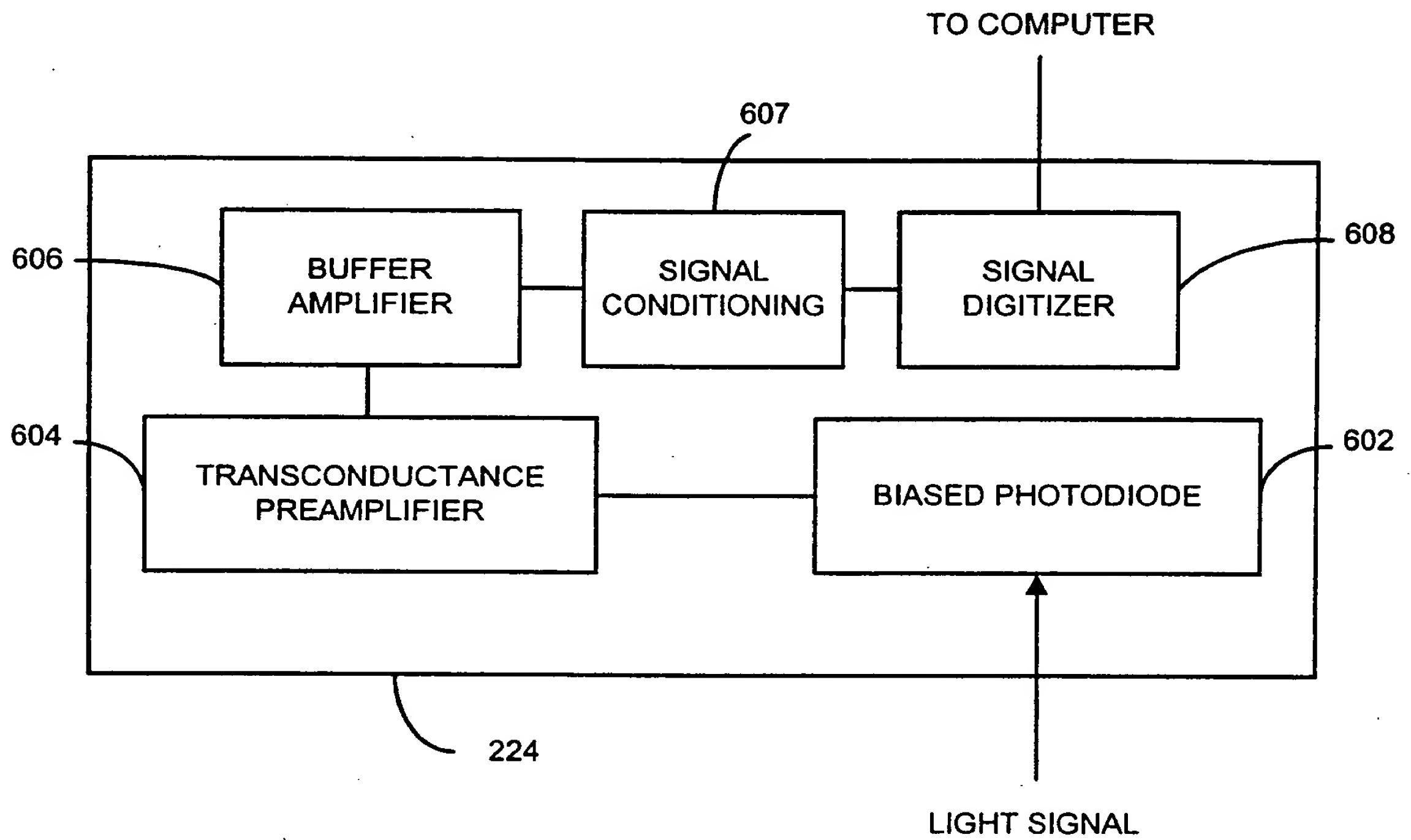


FIGURE 6

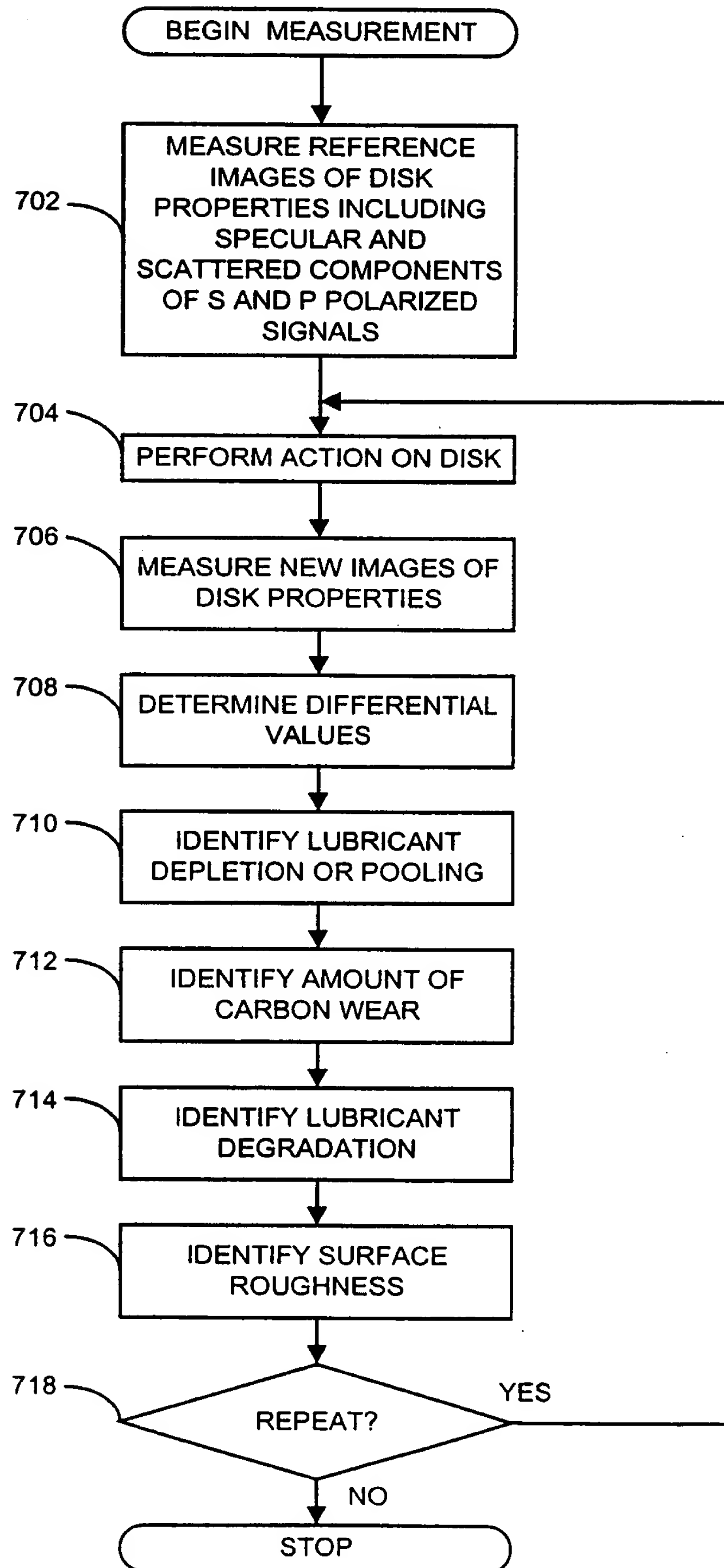
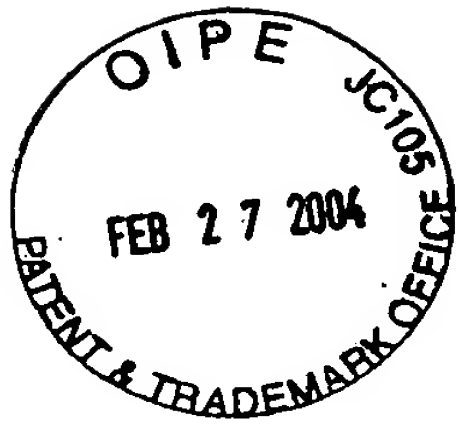


FIGURE 7

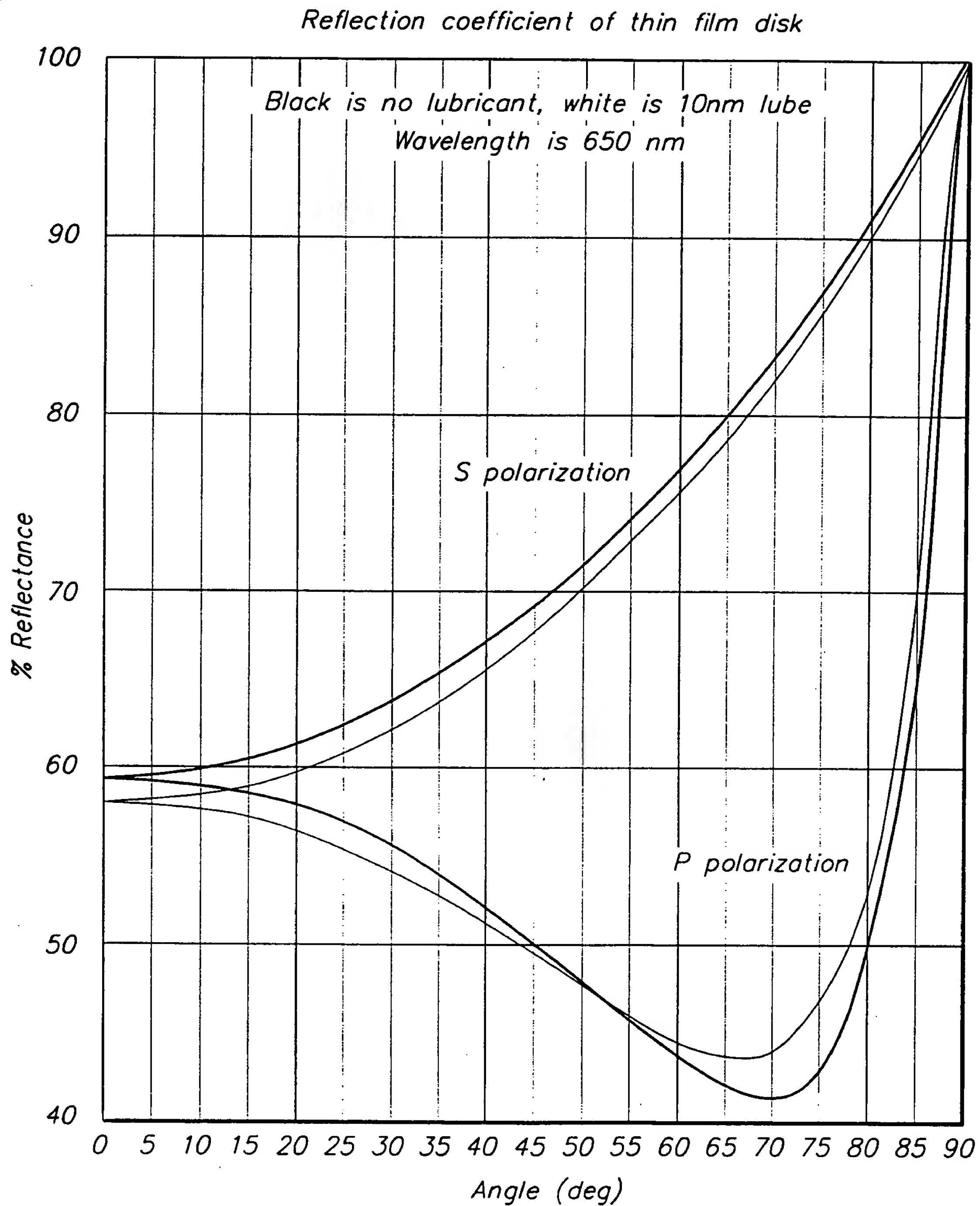
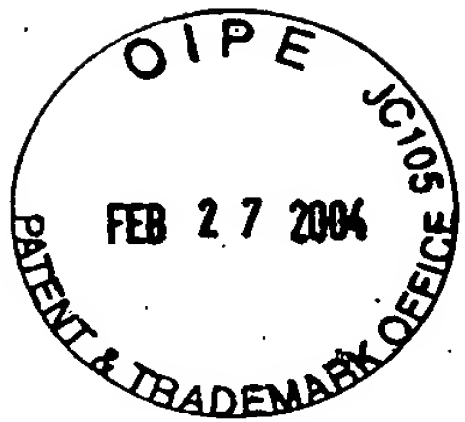
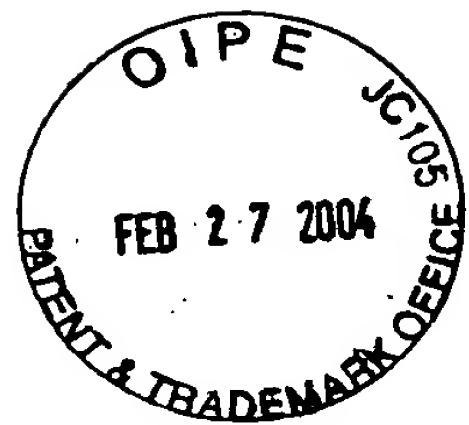


FIG. 8



Reflection coefficient of thin film disk

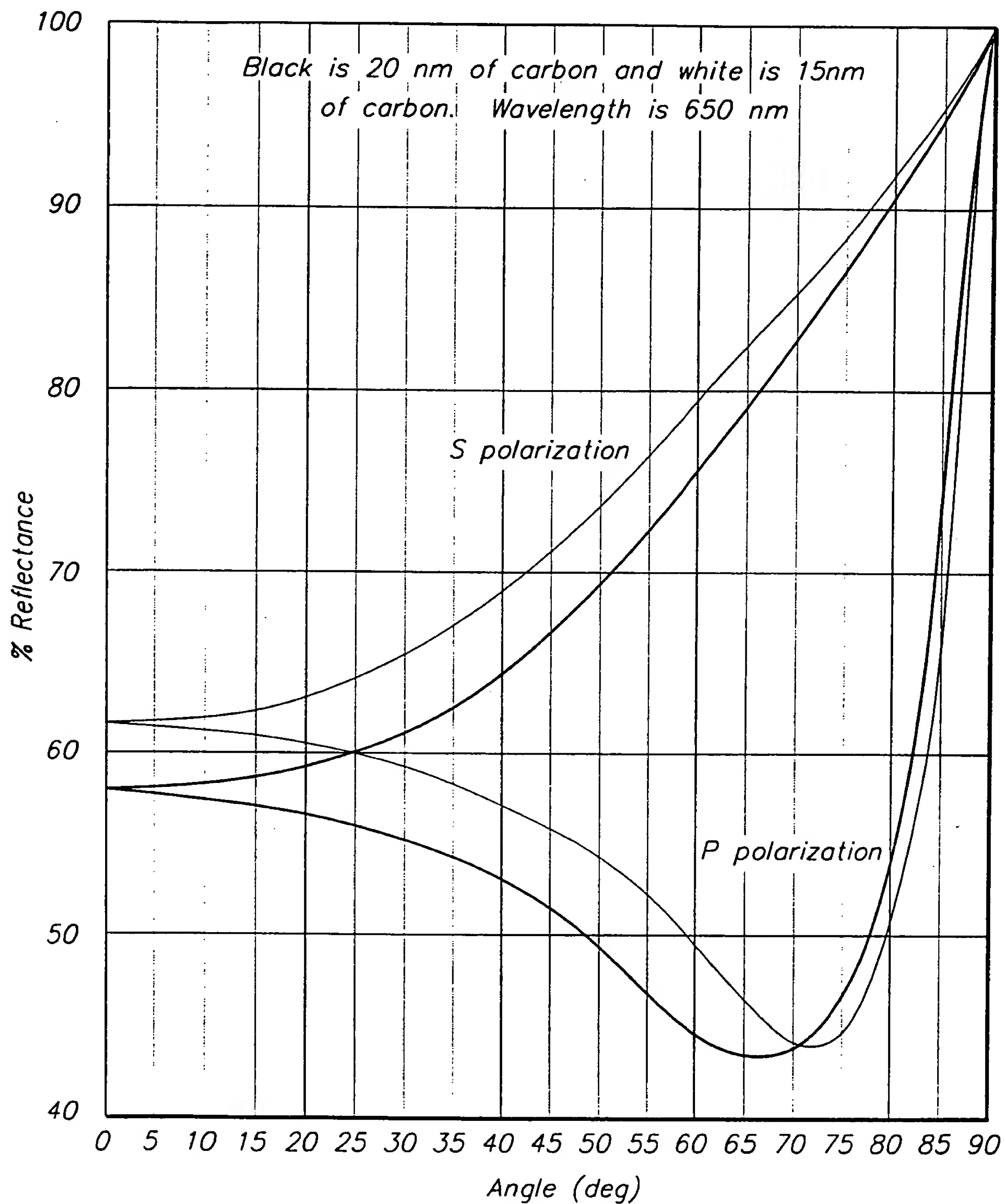


FIG. 9

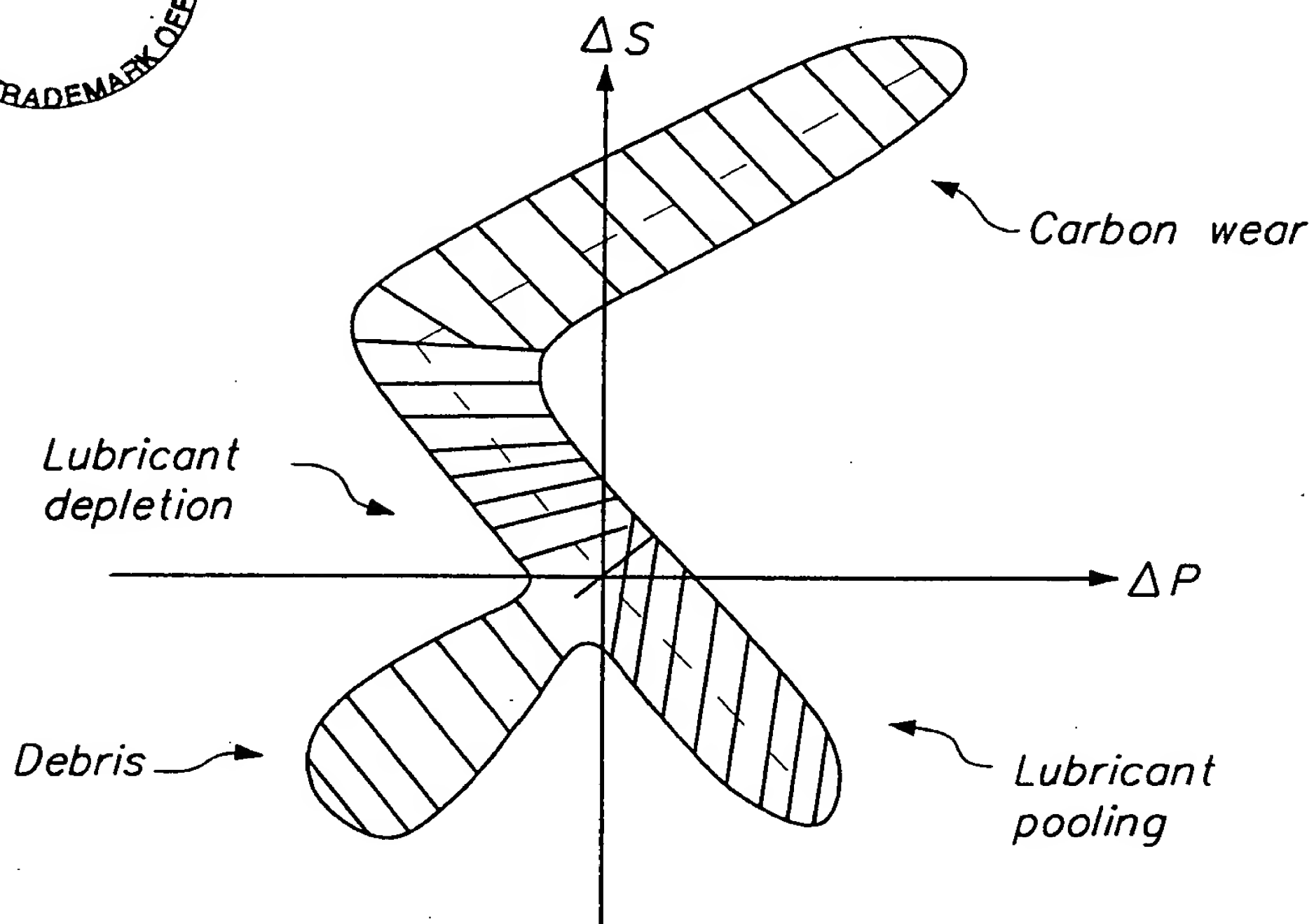


FIG. 10

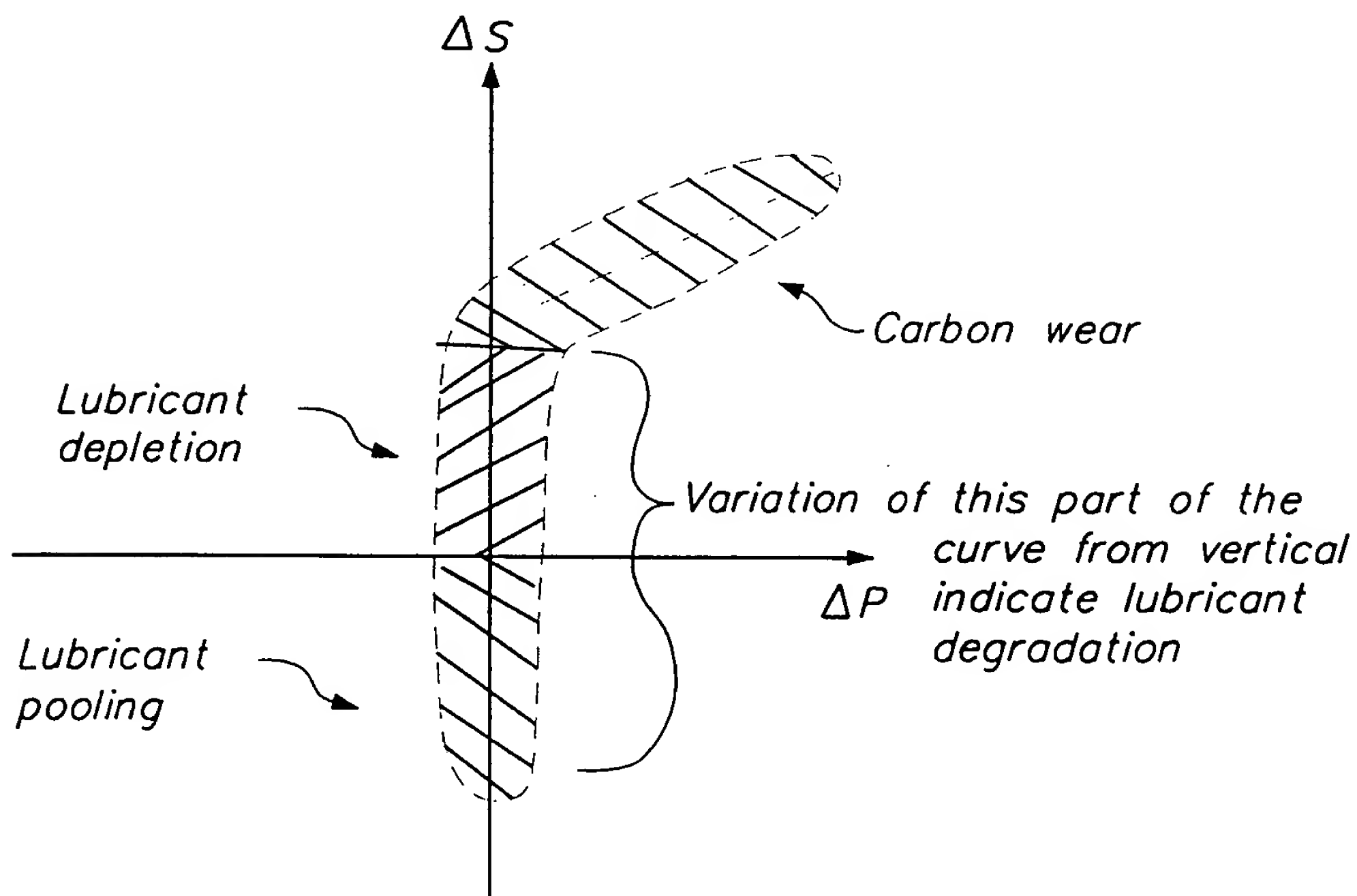
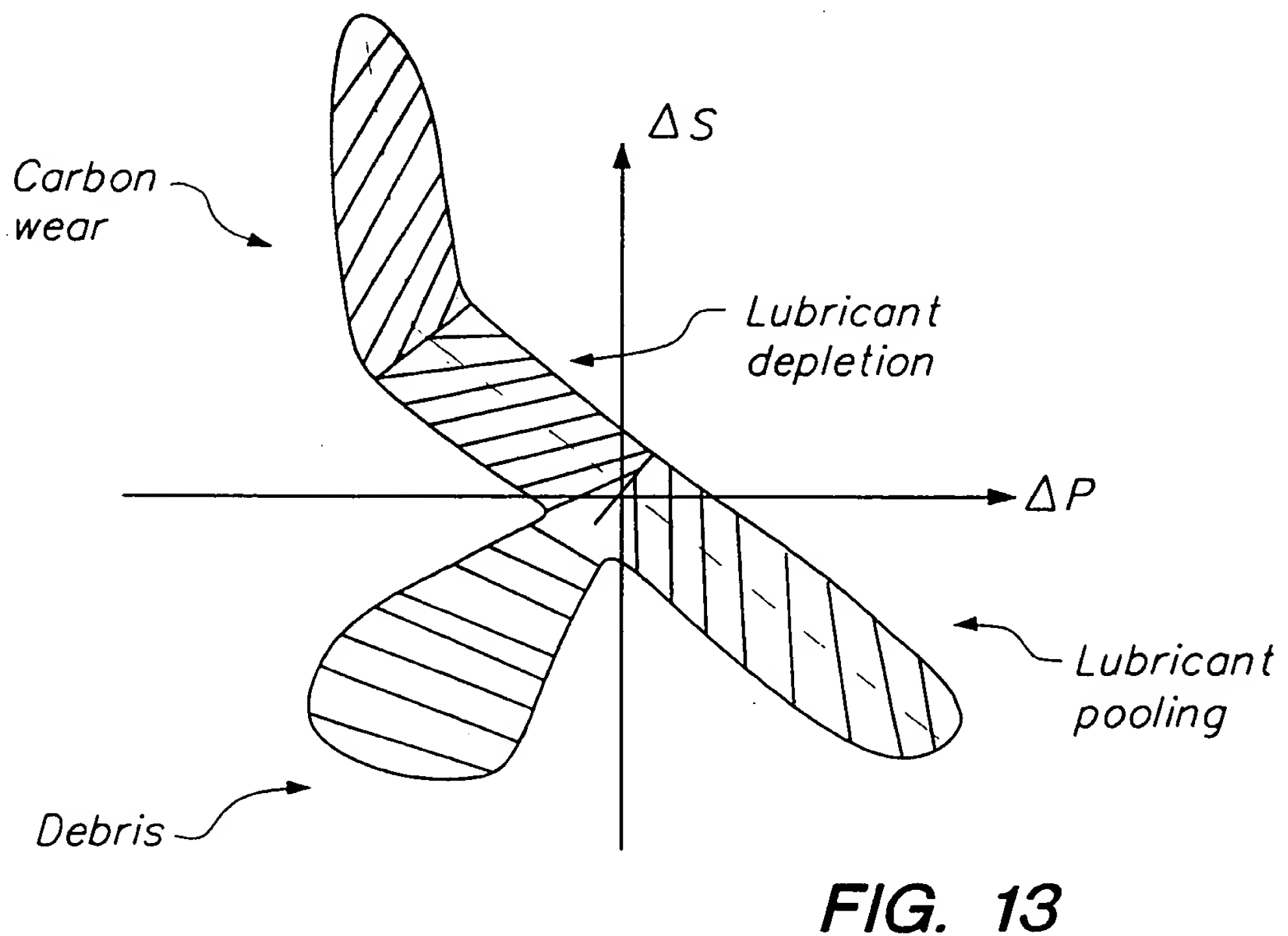
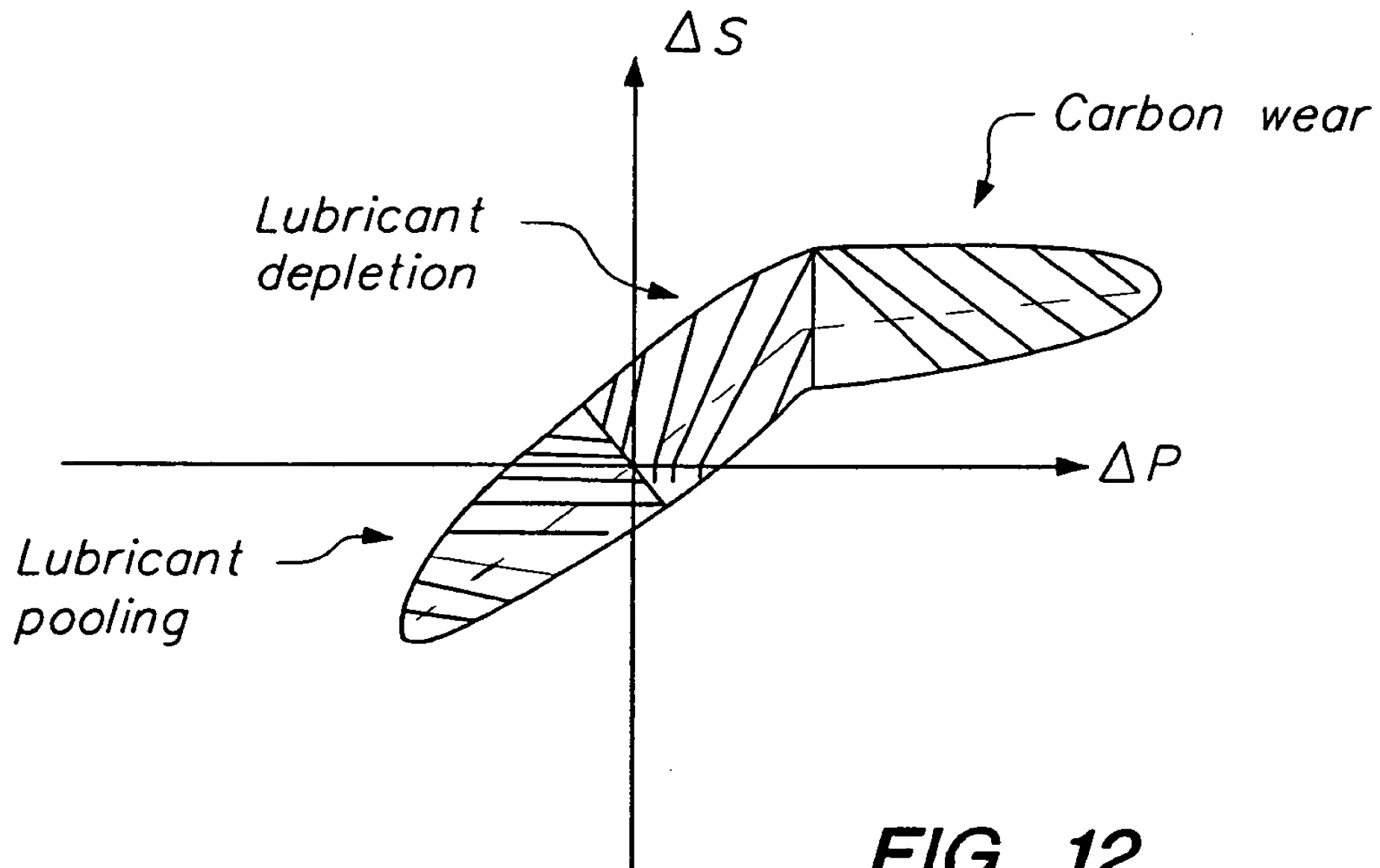


FIG. 11



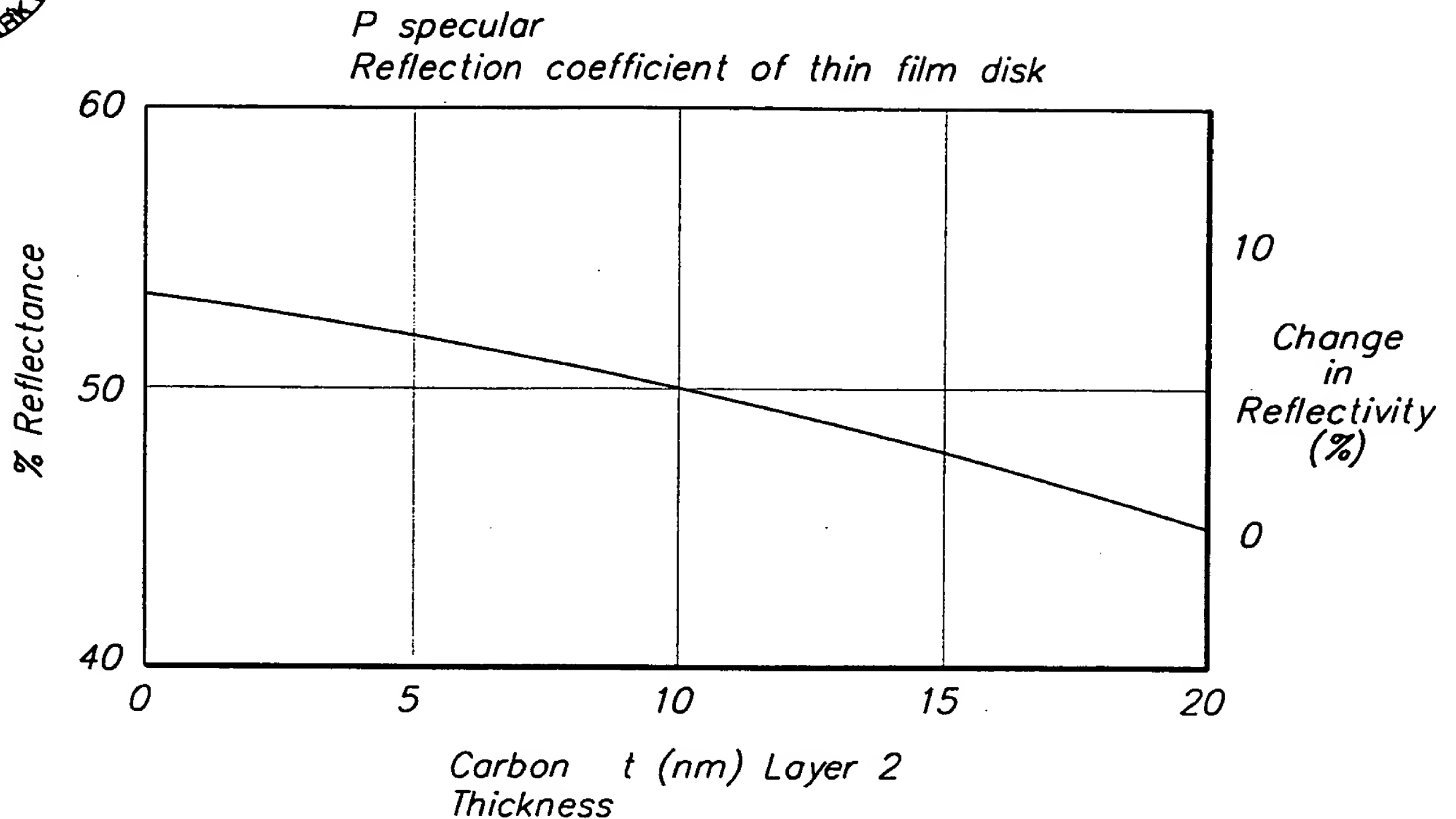


FIG. 14

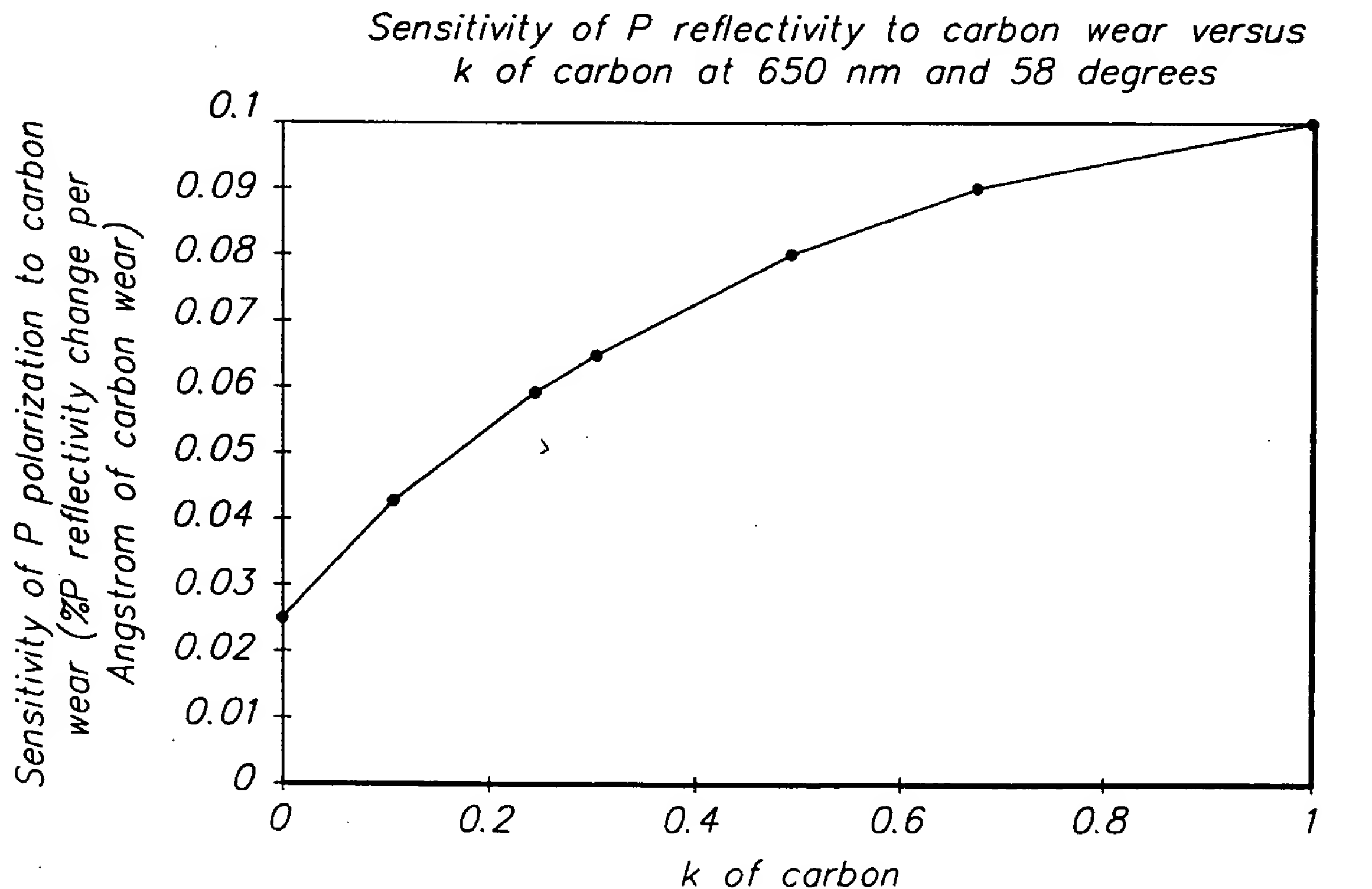
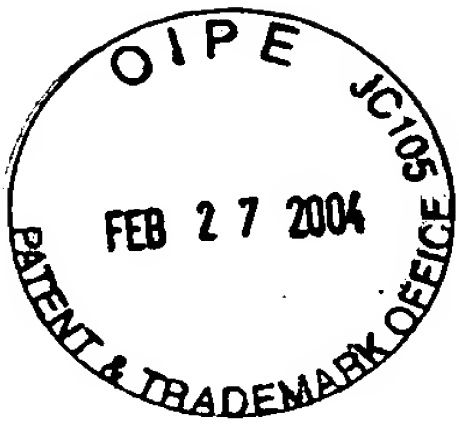


FIG. 15

Series 1



Power Spectral
Density of Texture Lines

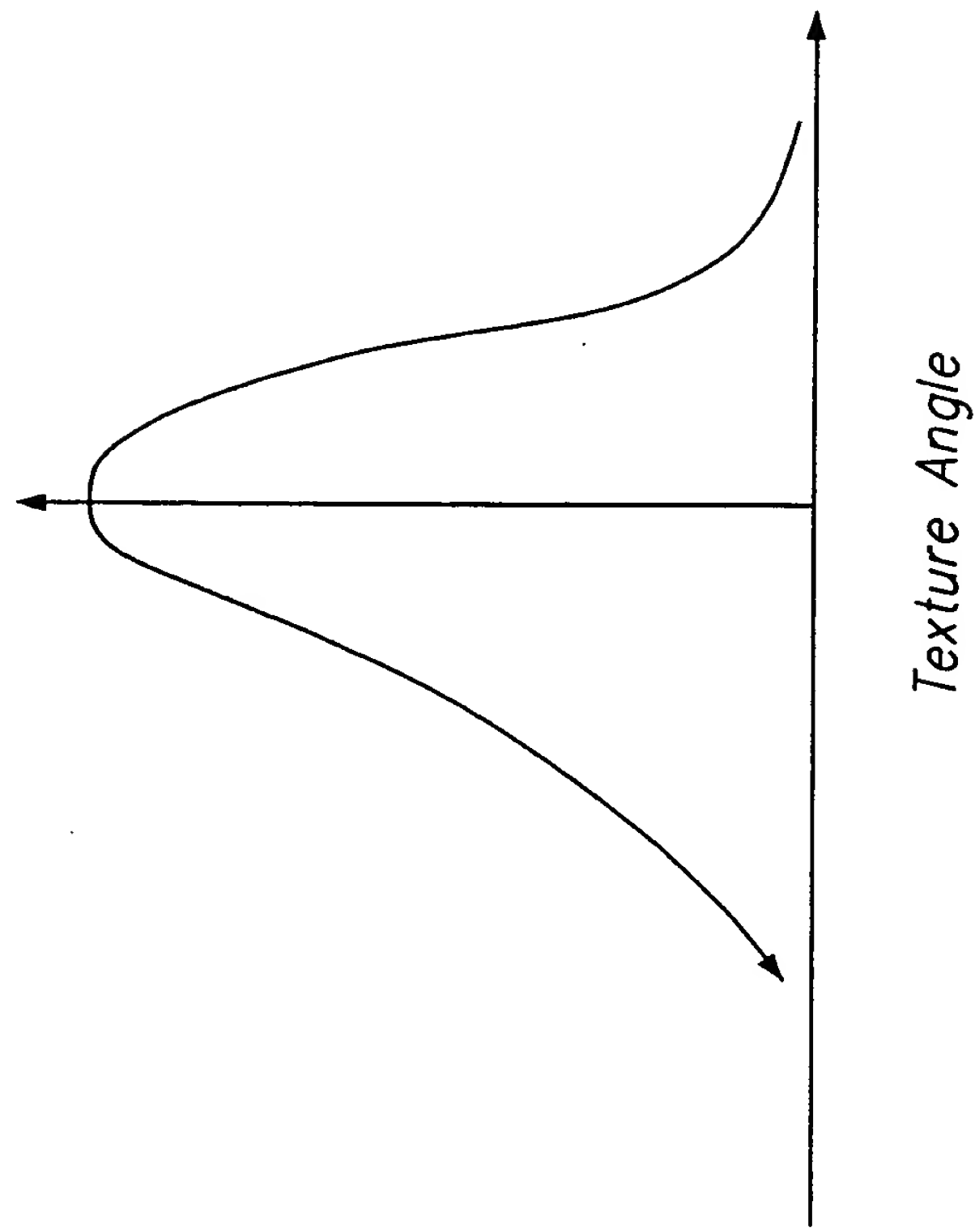


FIG. 17

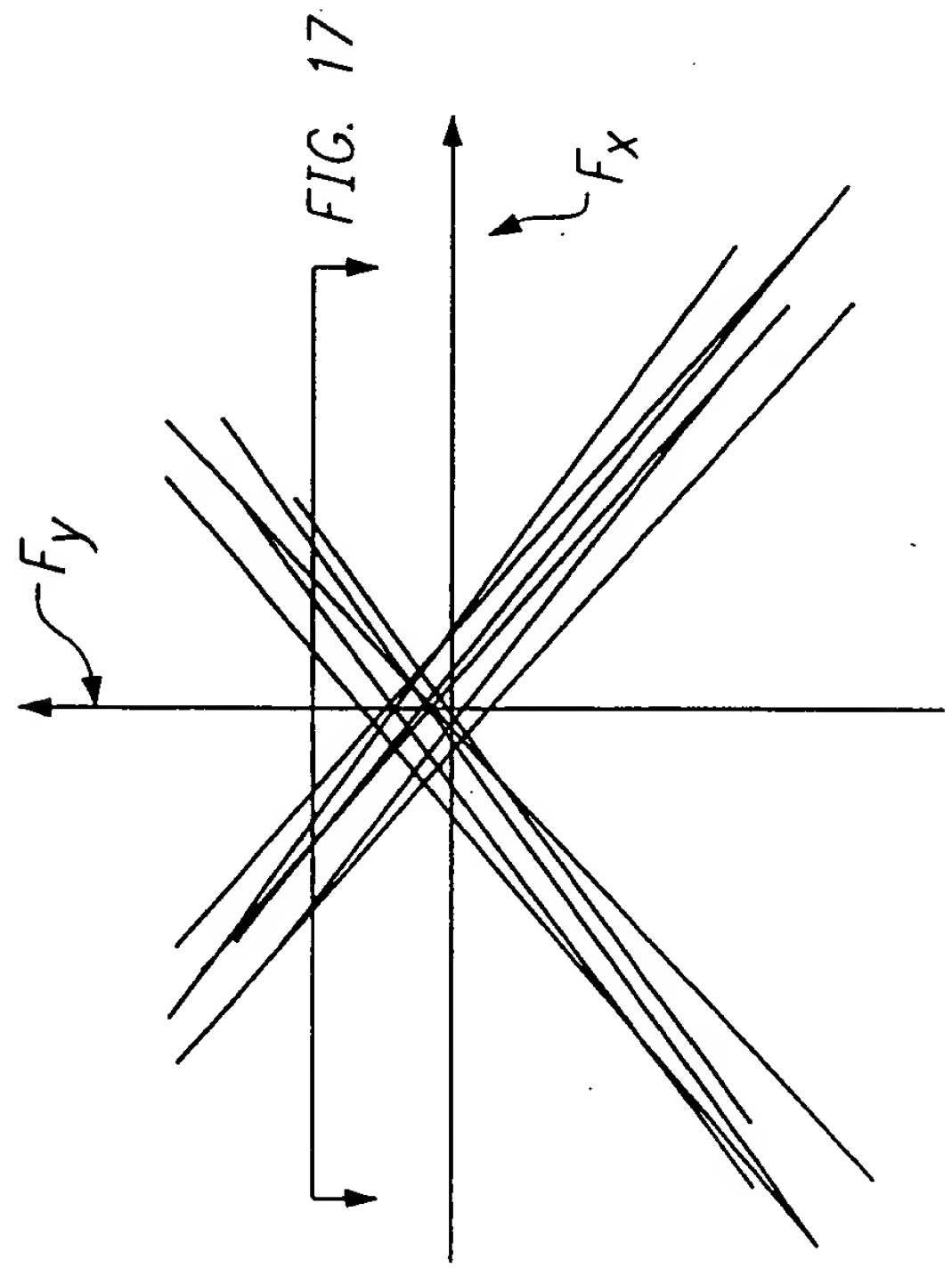


FIG. 16

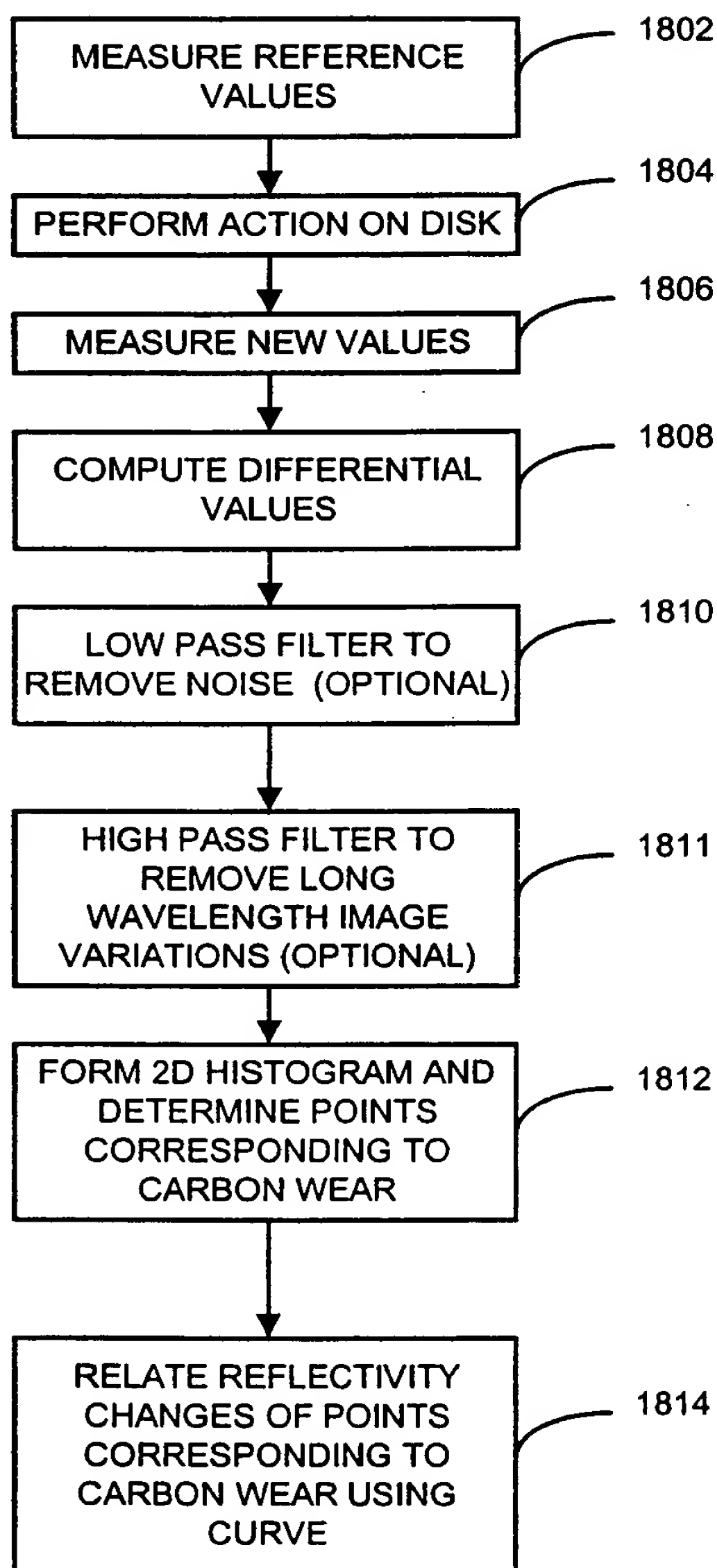


FIGURE 18

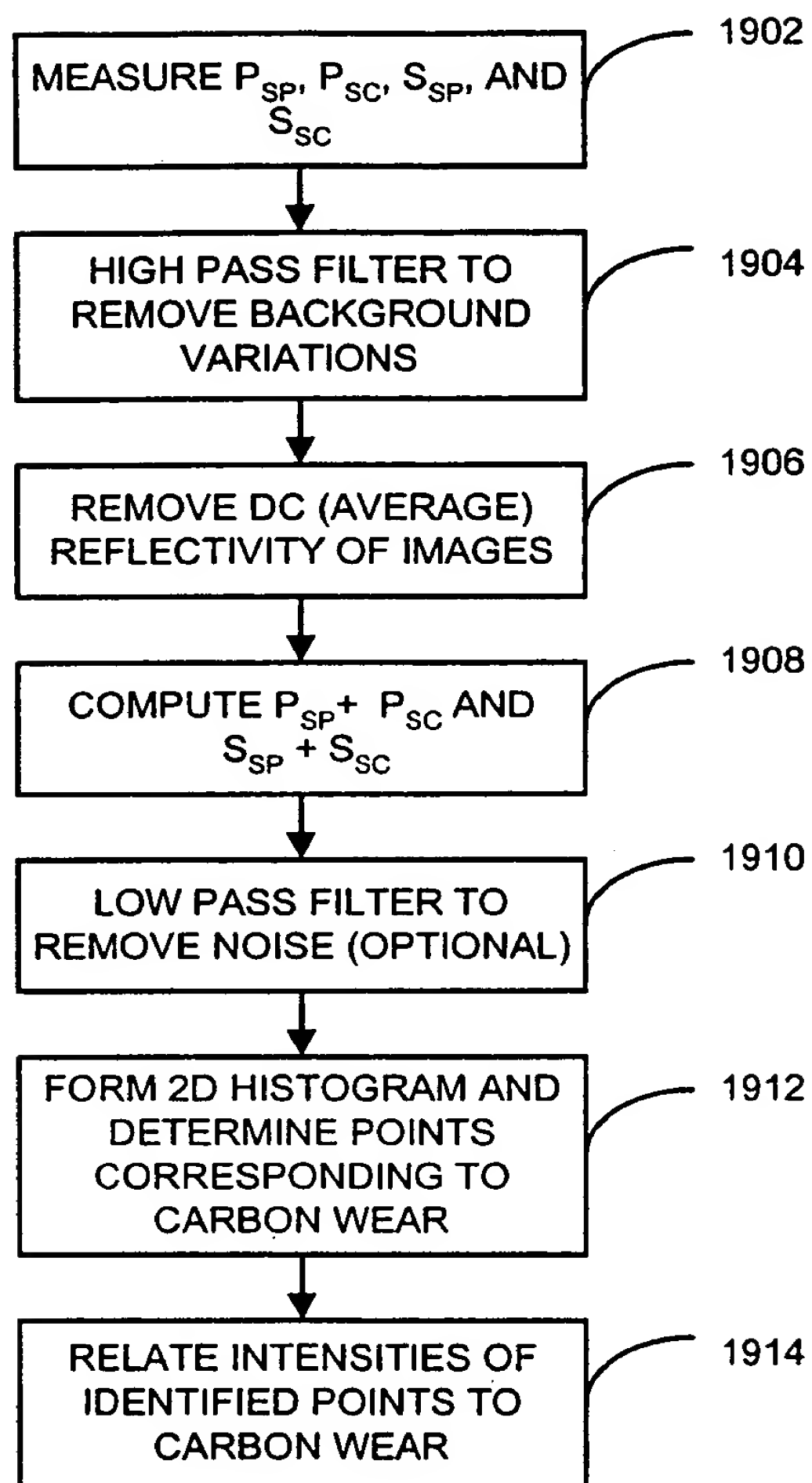


FIGURE 19

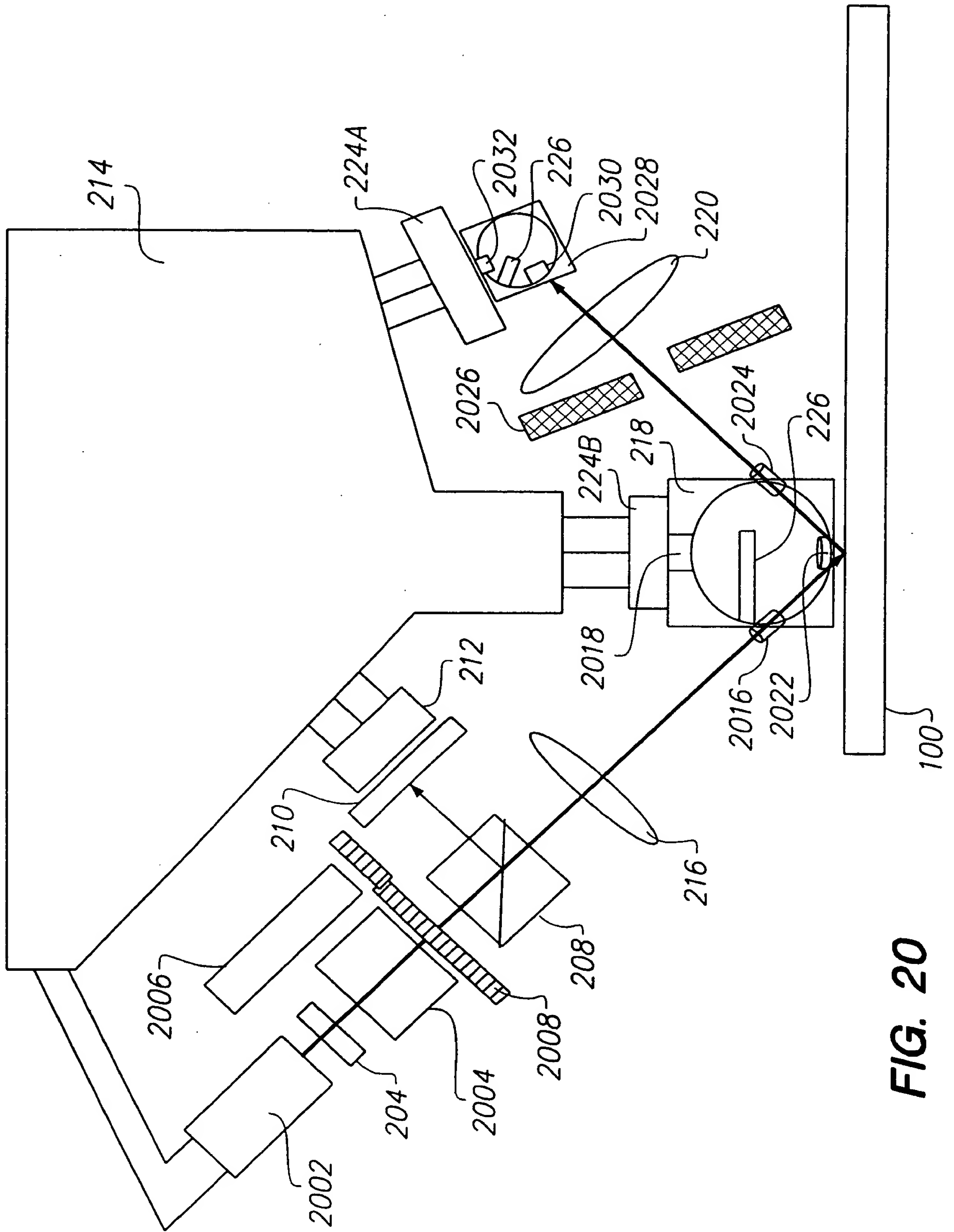


FIG. 20

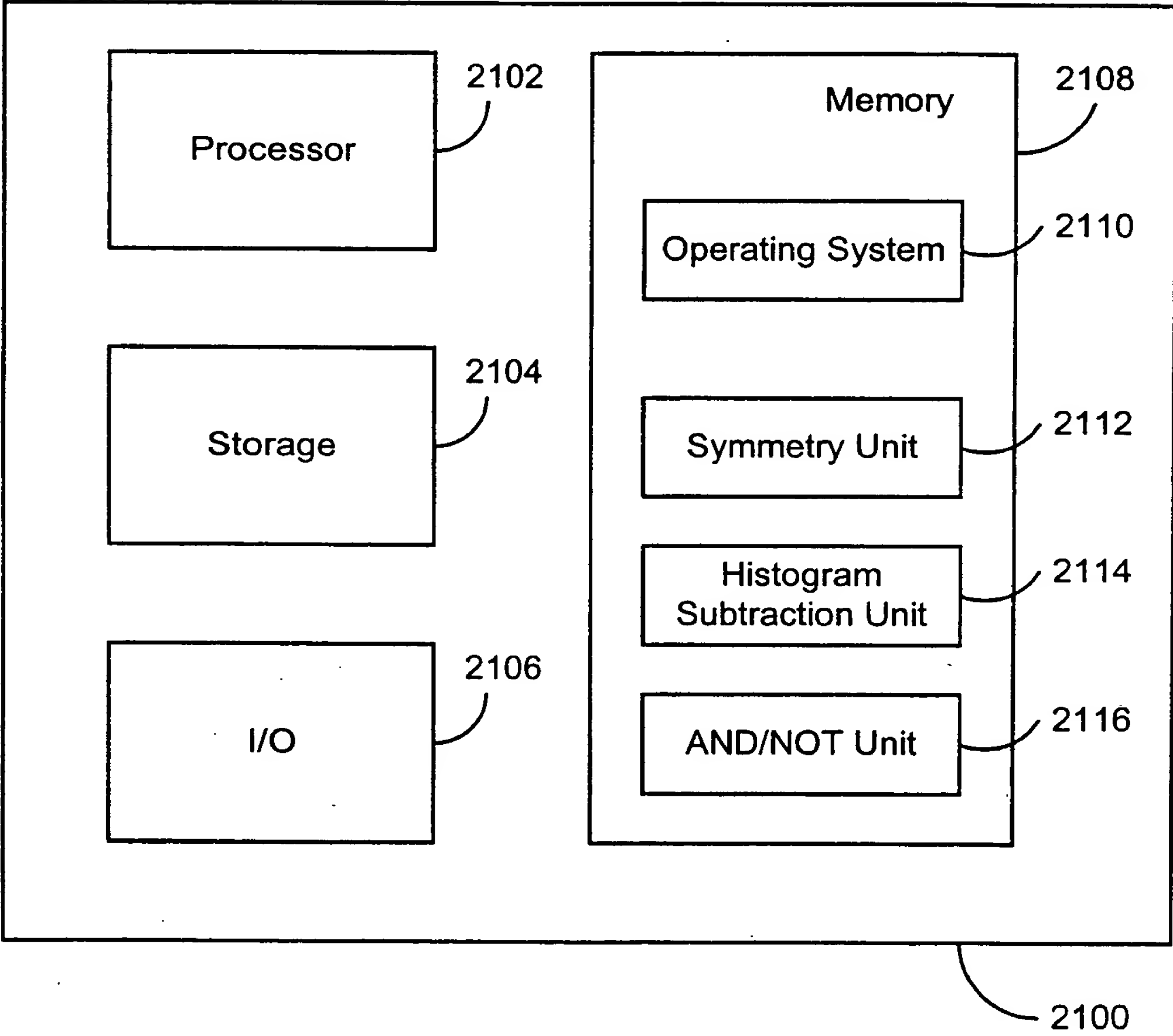


Figure 21

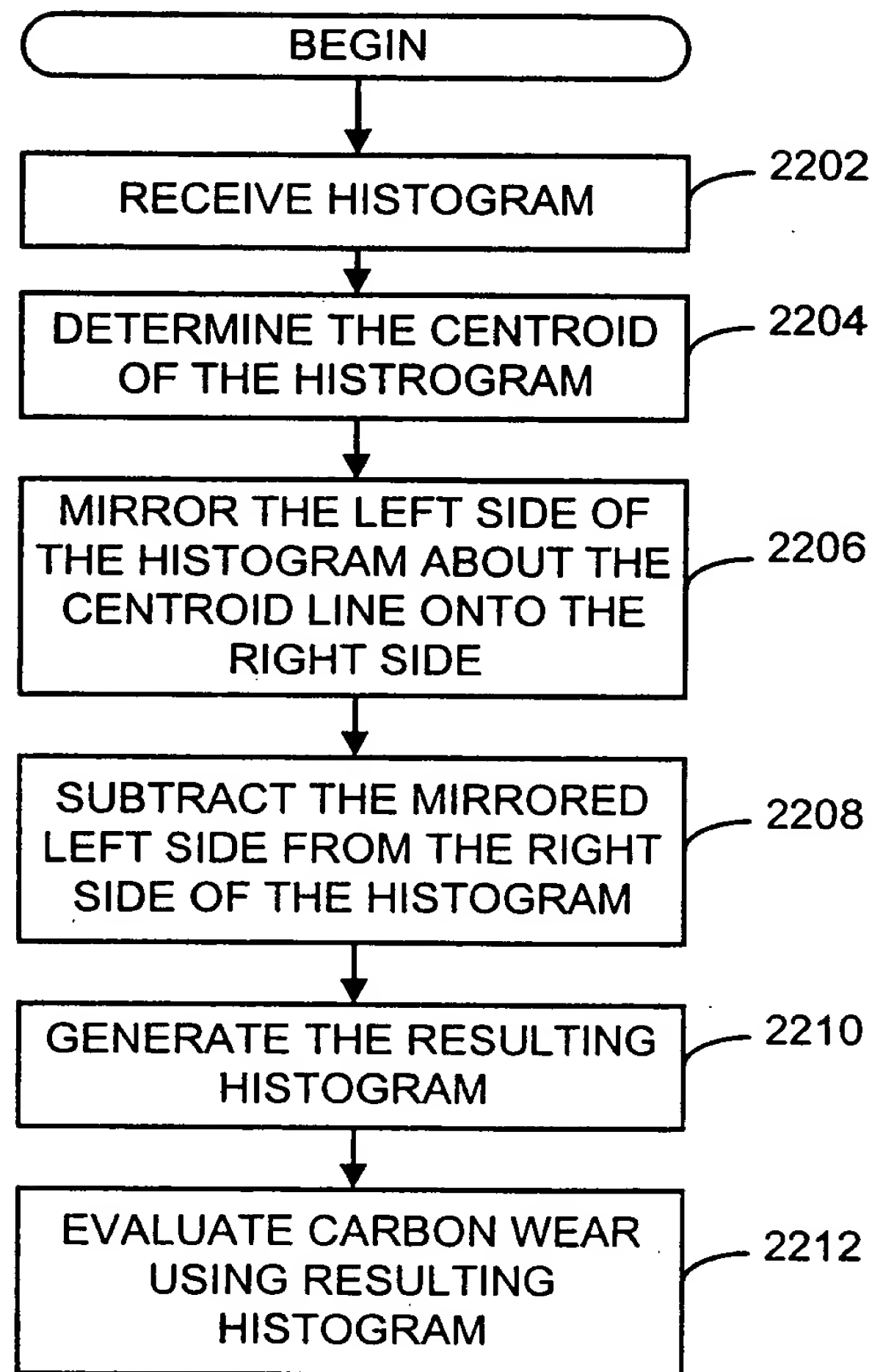


Figure 22

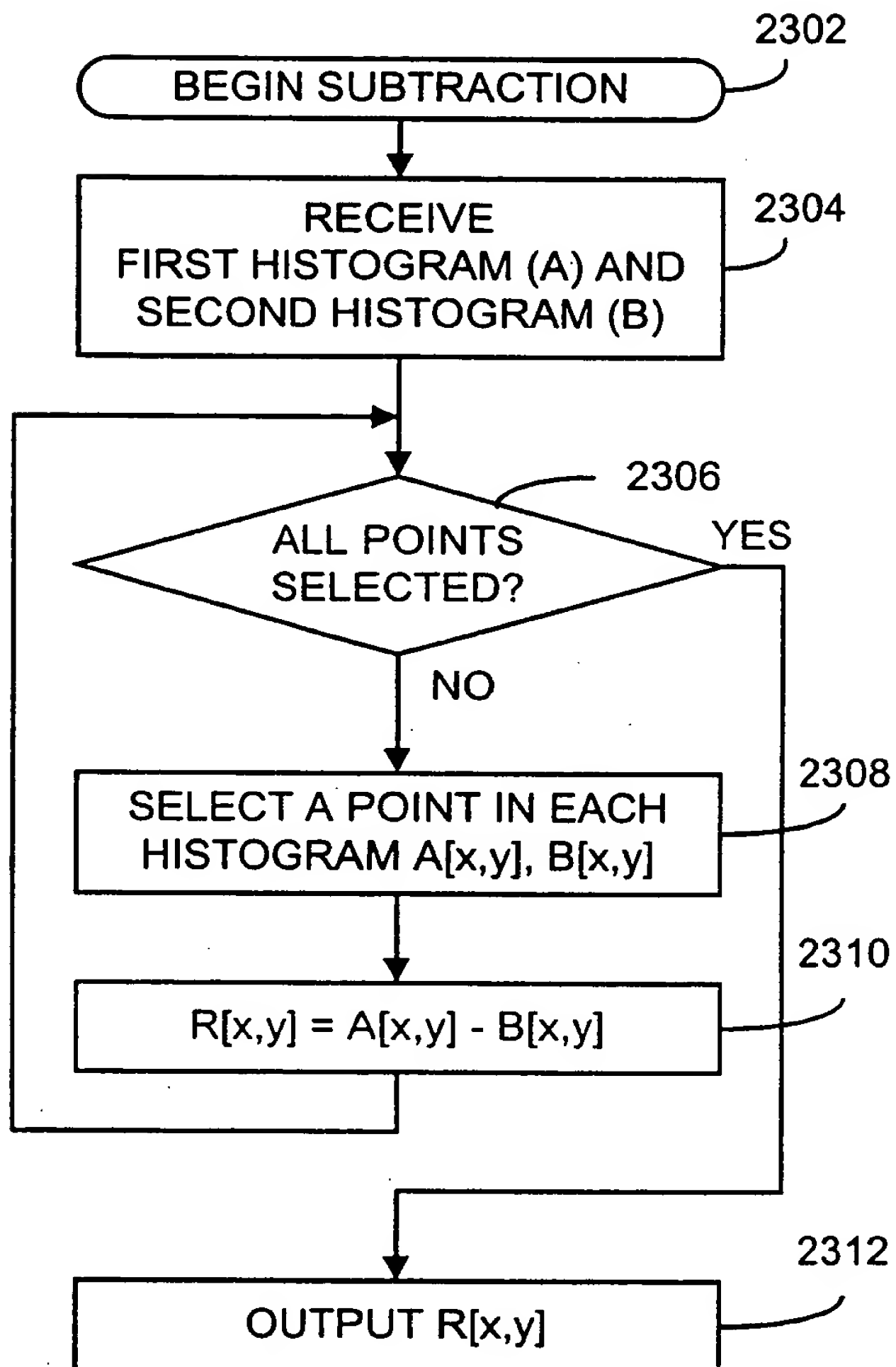


Figure 23

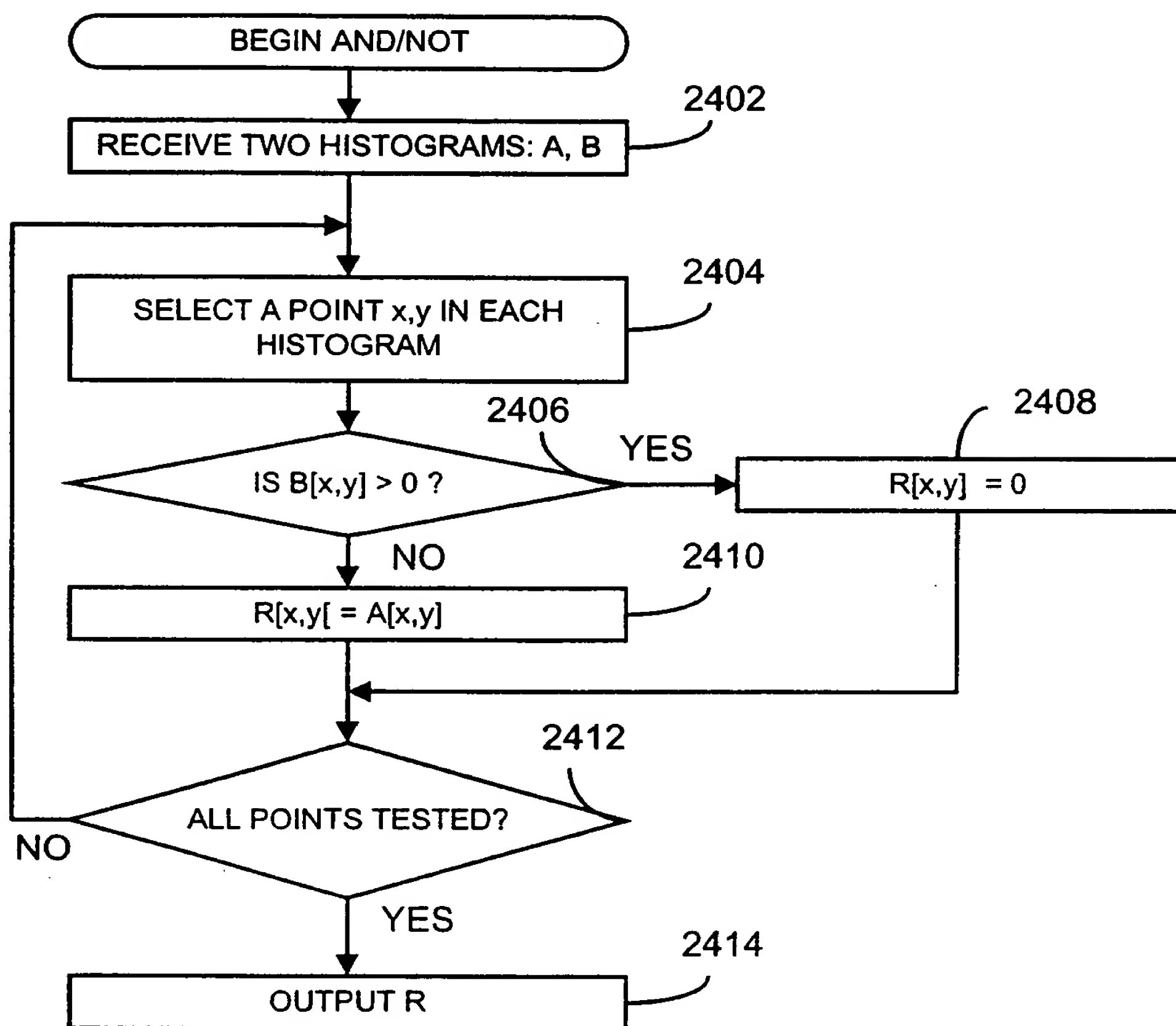


Figure 24

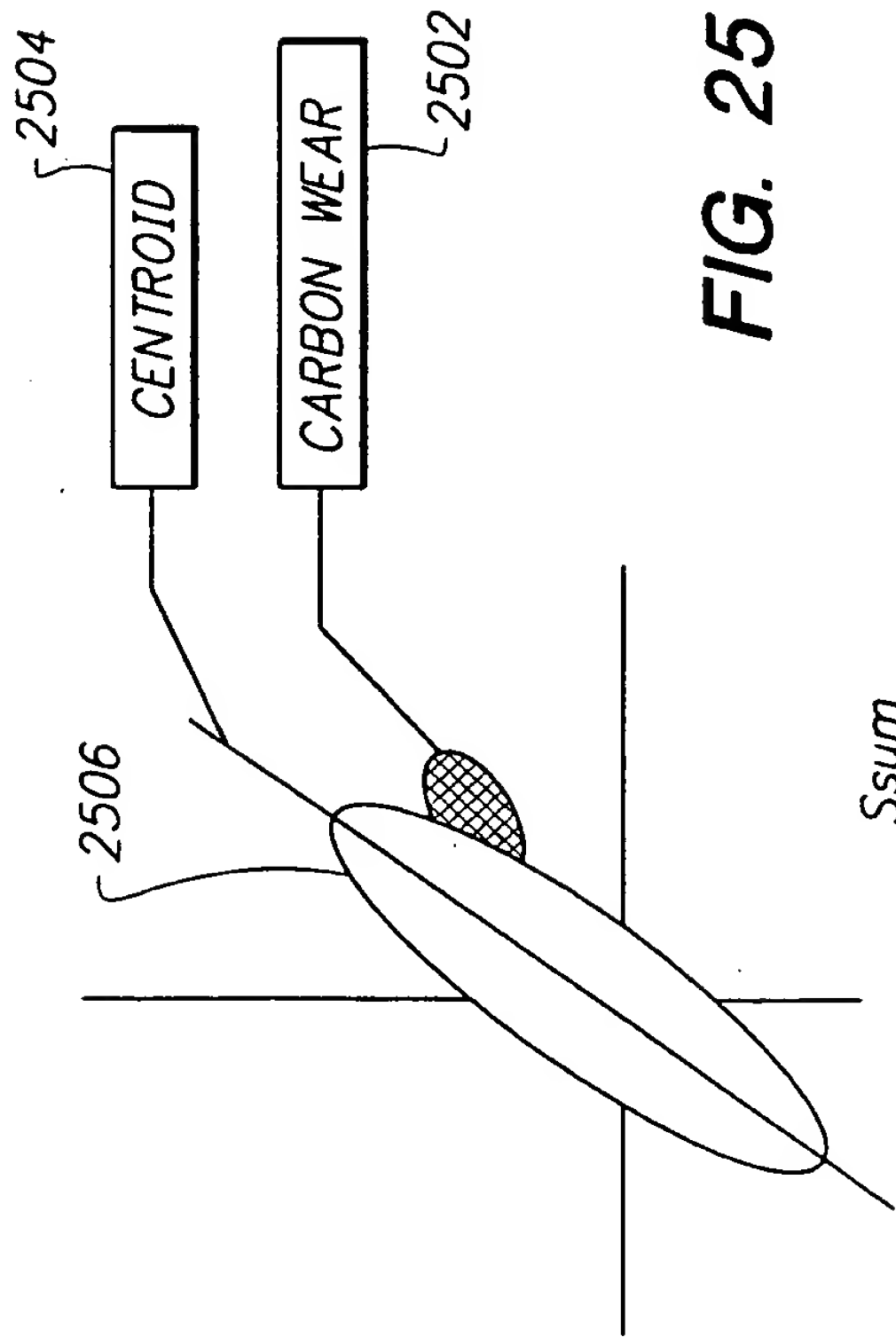
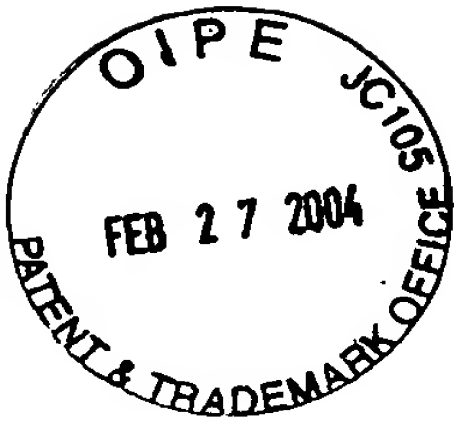


FIG. 25

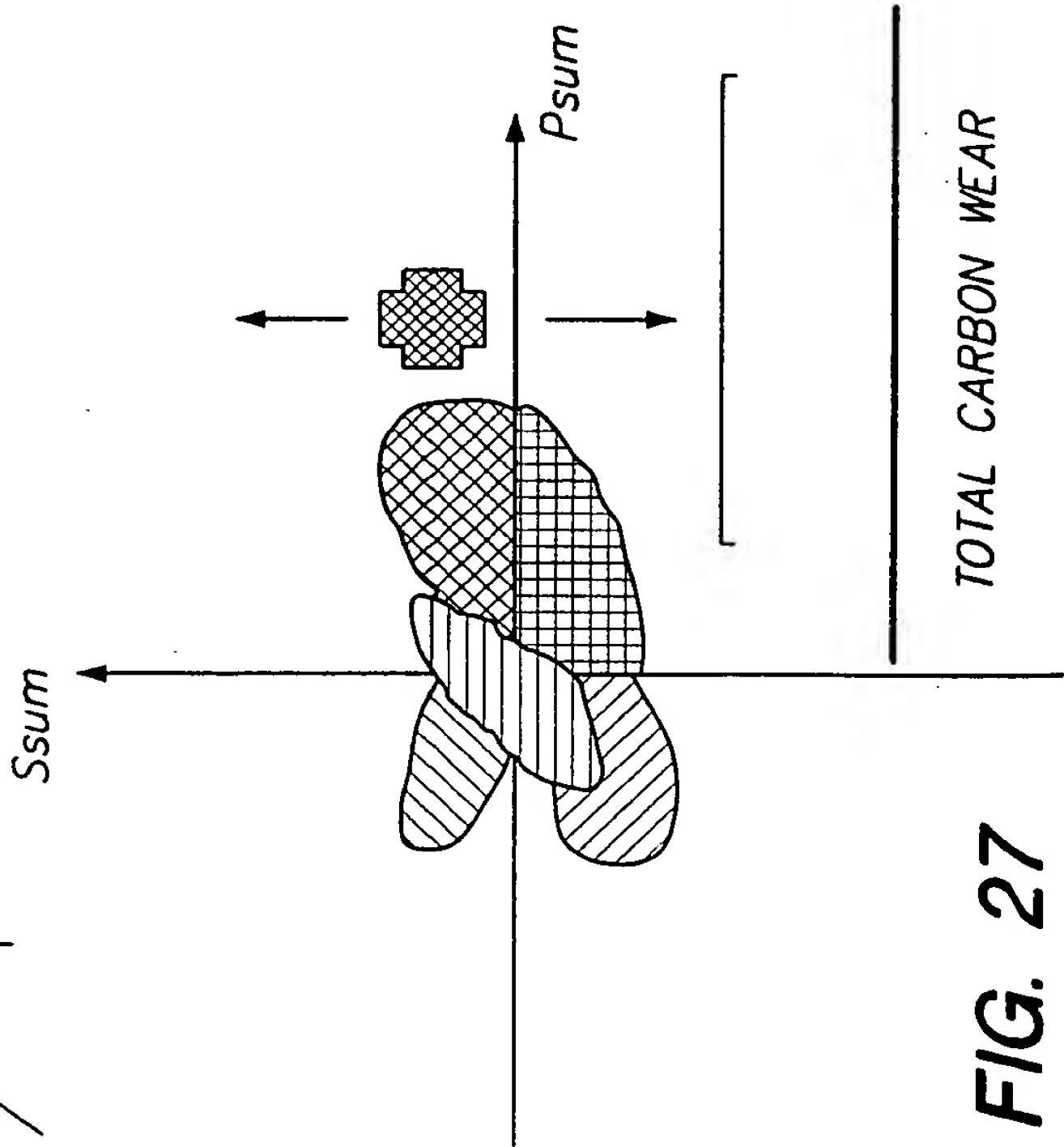


FIG. 27

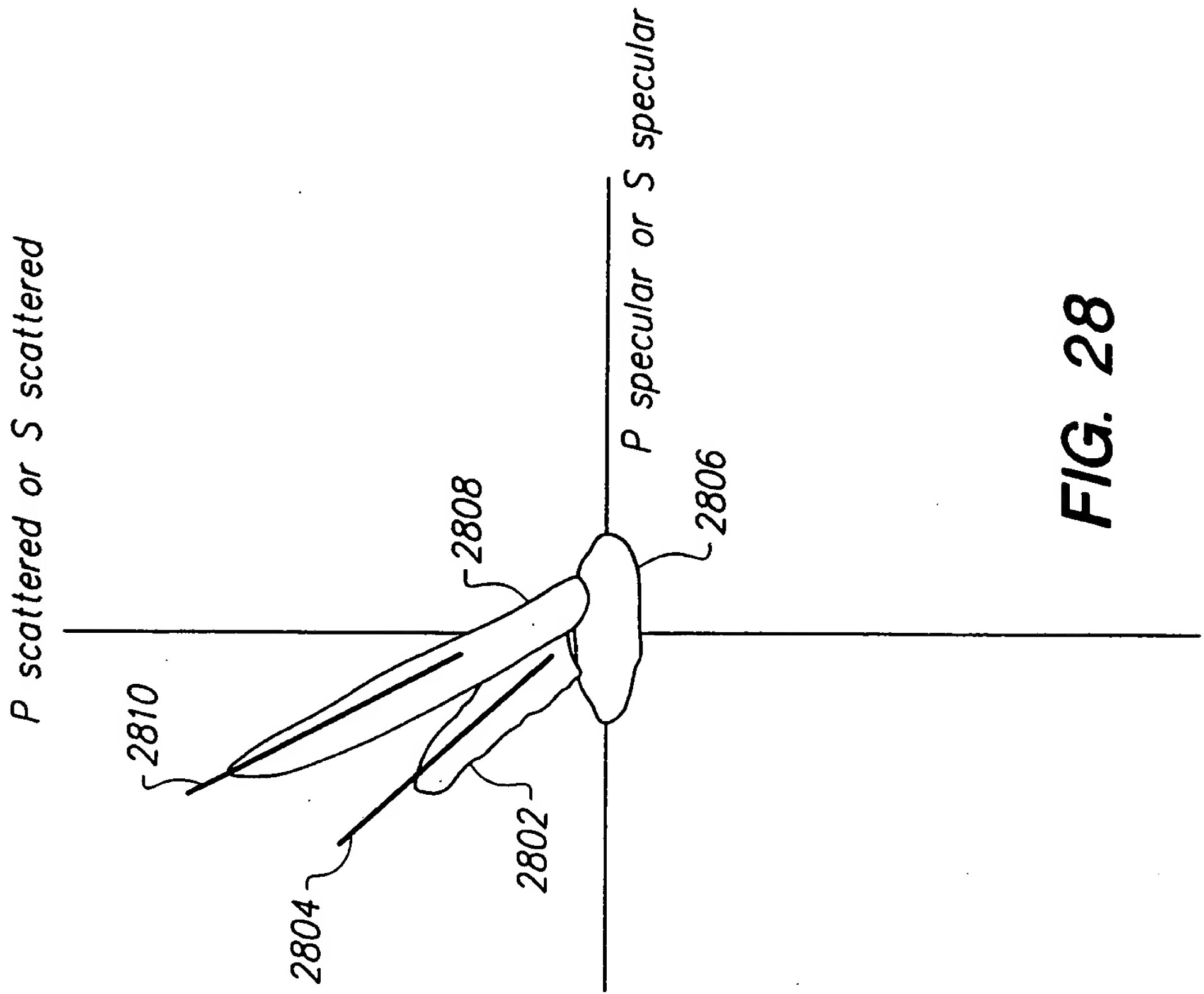


FIG. 28



Title: System For Simultaneously Measuring
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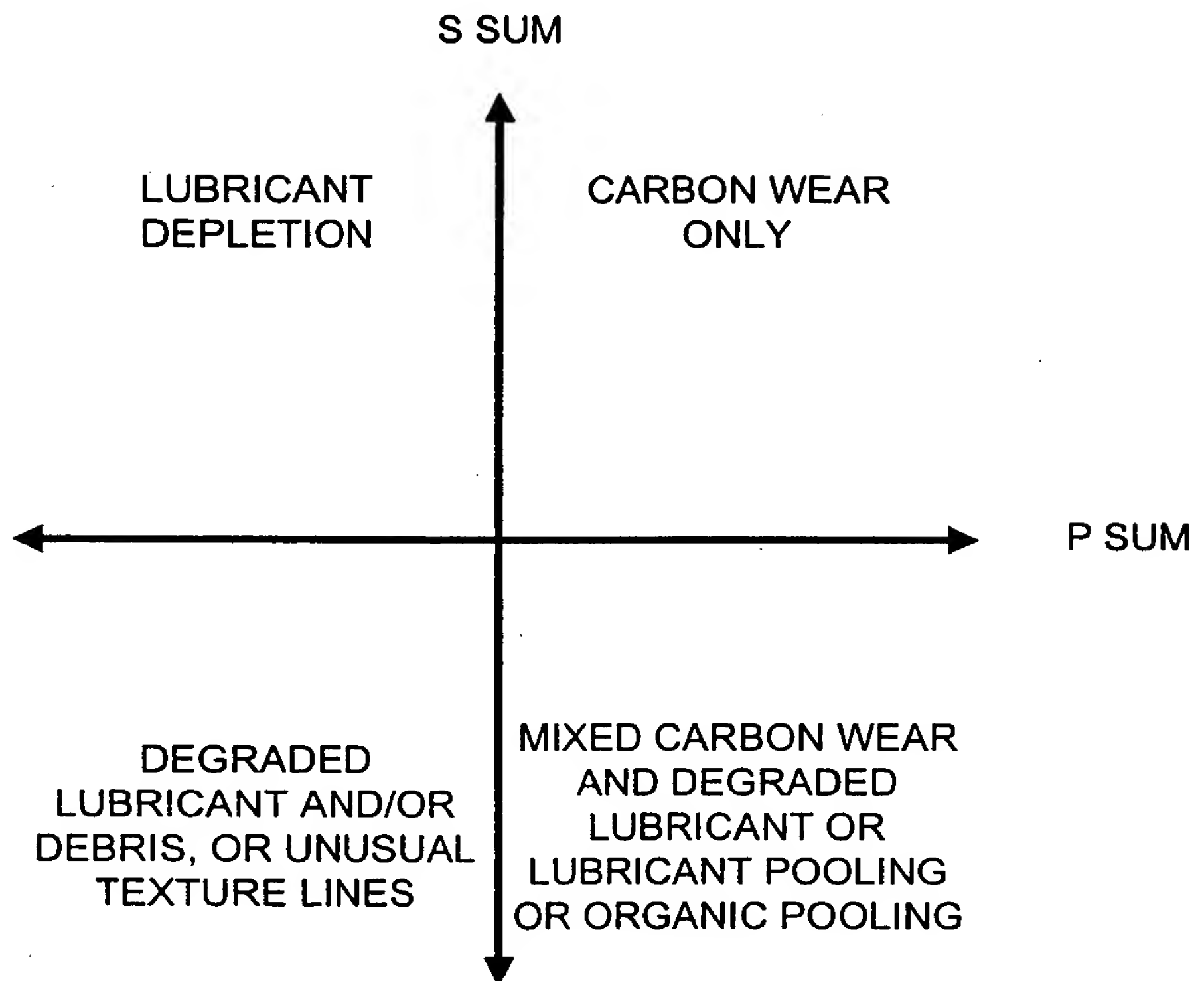


Figure 26



Title: System For Simultaneously Measuring Thin
Film Layer Thickness, Reflectivity, Roughness,
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Inventor(s): Steven W. Meeks *et al.*
Atty. Docket No.: 20830-04304
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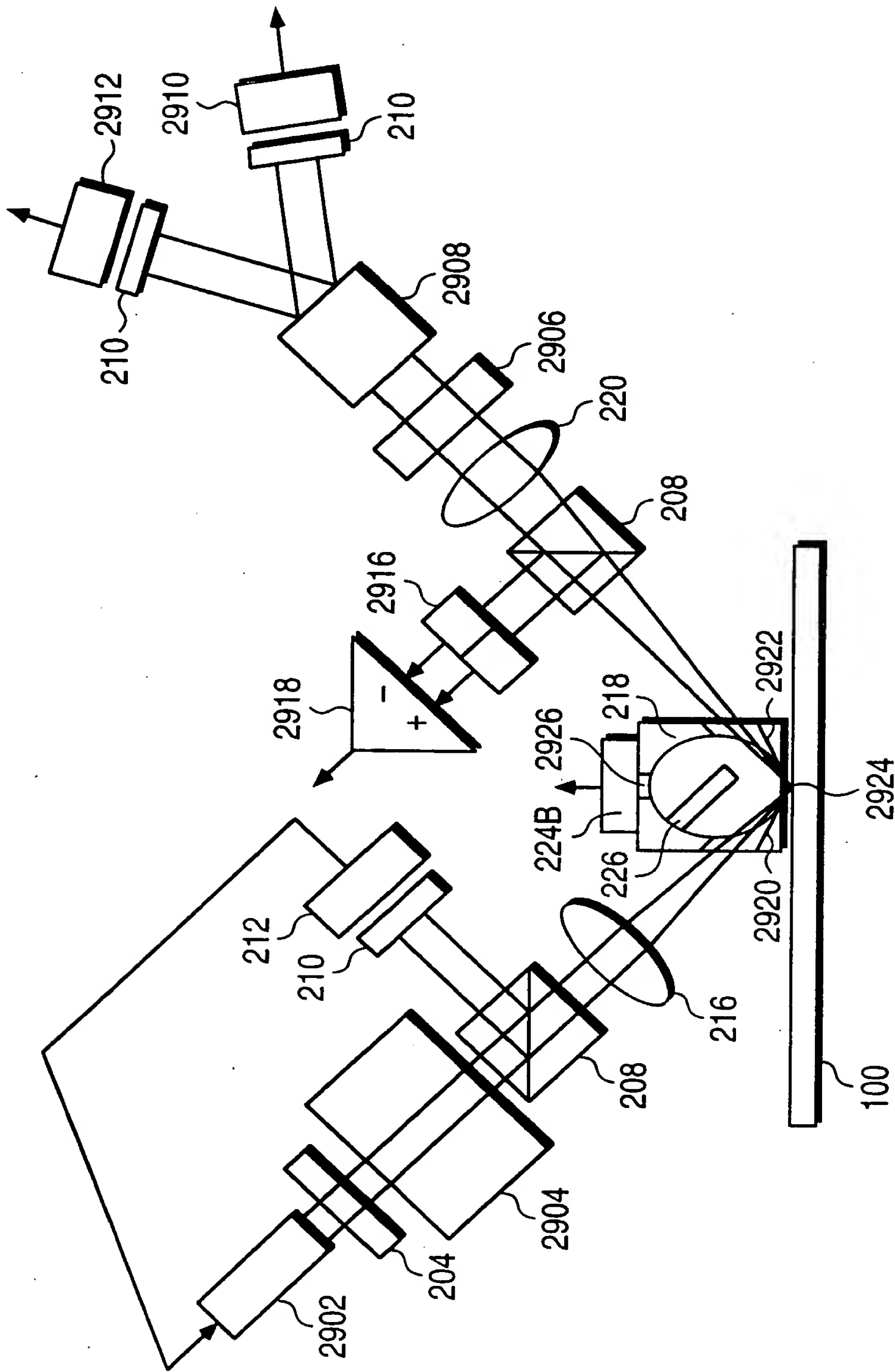


FIG. 29

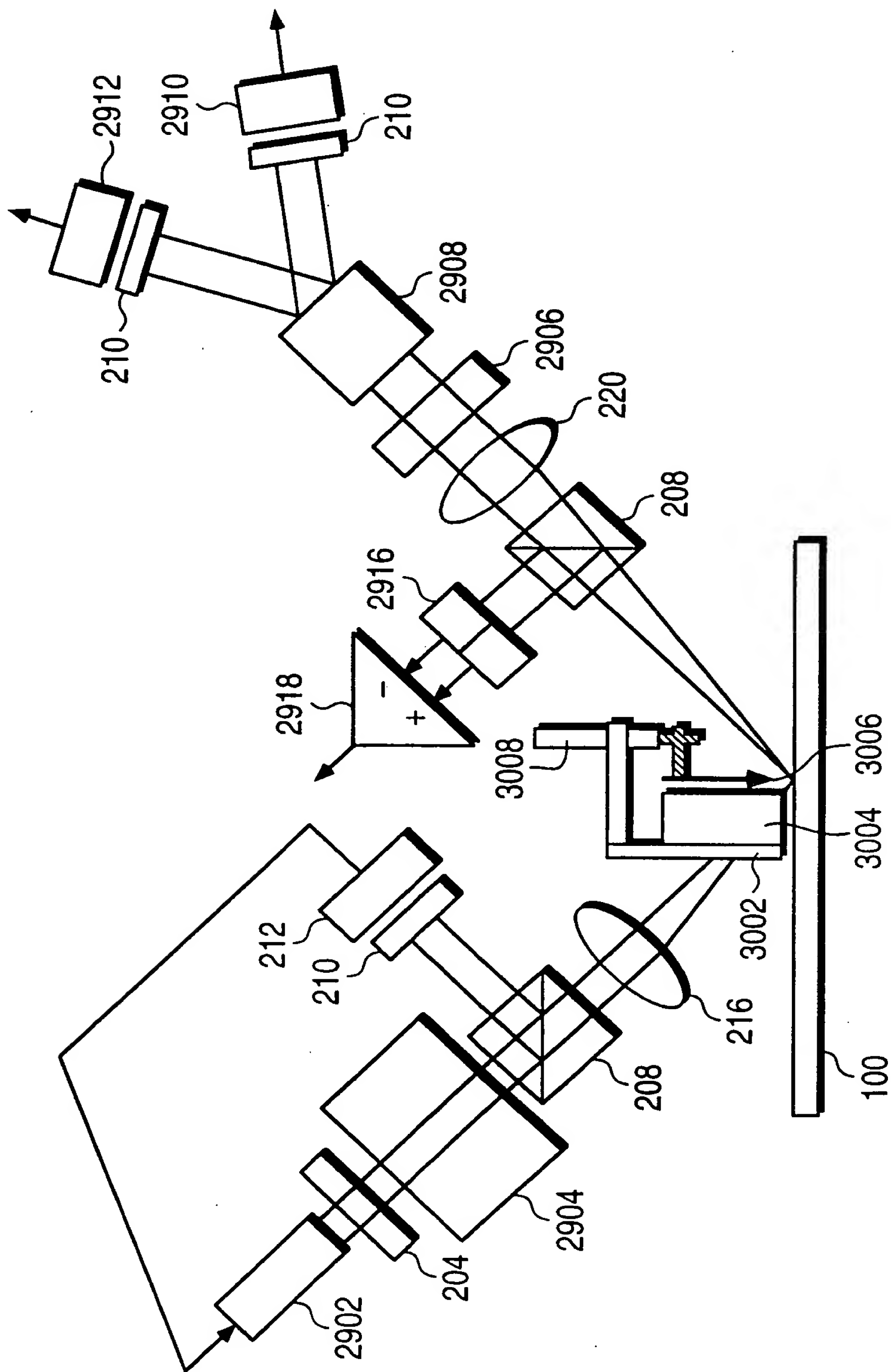
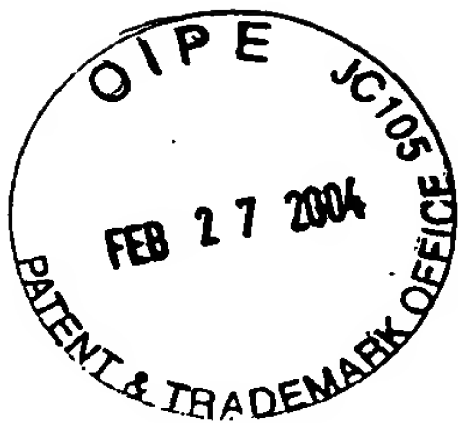


FIG. 30



Interpretation of Pq versus Sq Histogram

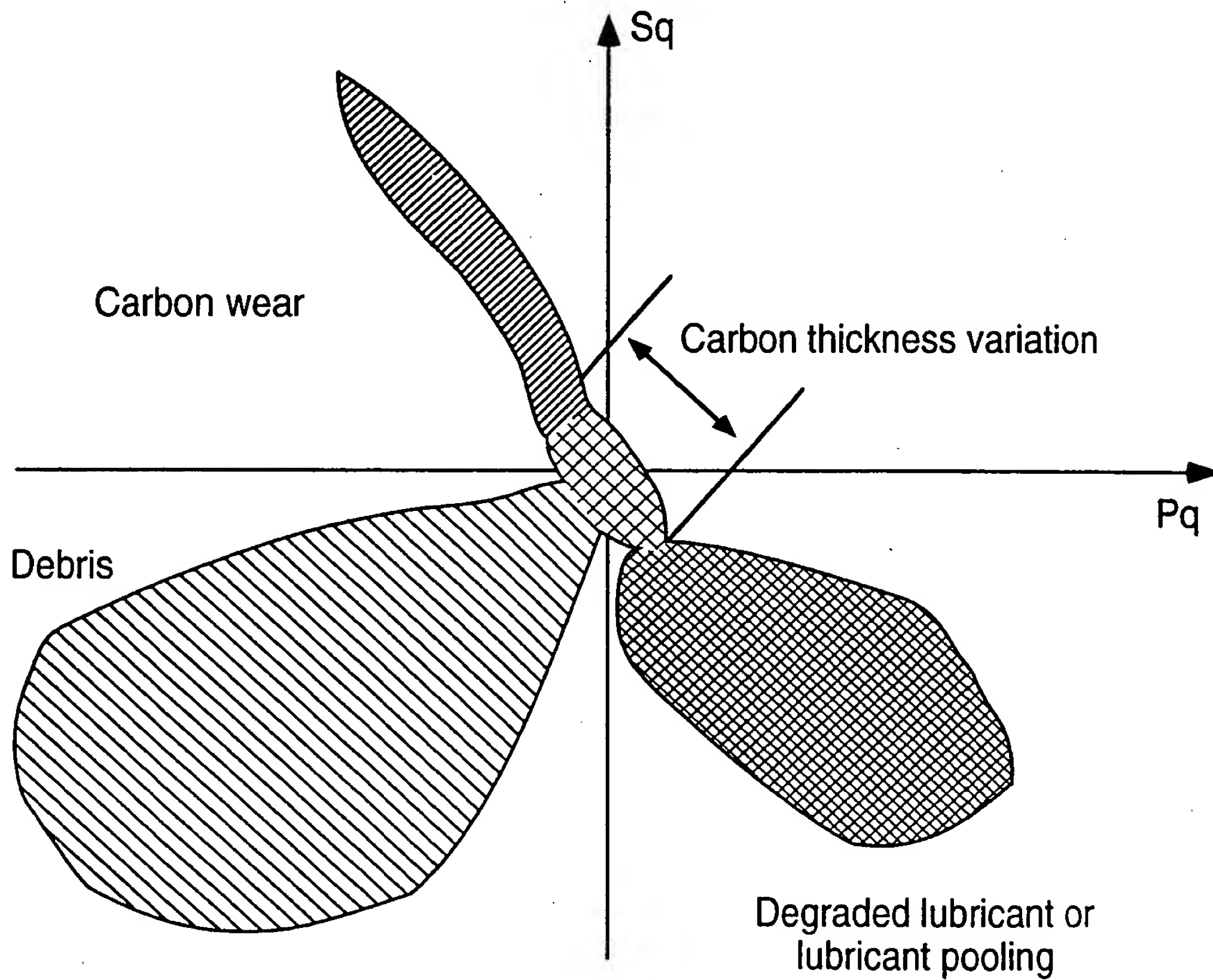


FIG. 31